



Fluid Handling Innovation

GENERAL CATALOGUE - 04.14



EXPLOSION
PROOF



FUEL
TRANSFER



GARAGE
EQUIPMENT



UREA
SOLUTIONS





Since 1953, PIUSI has been putting Italian engineering prowess to the service of its customers, with the necessary professionalism and integrity to build stable, long-lasting relationships. Our mission is to provide simple, intelligent, professional-quality solutions for the transfer, dispensing and measurement of lubricants, fuels and liquids, with full consideration for human and environmental health.



S COMPANY PROFILE SINCE 1953

EN. The company

PIUSI was established in 1953 in Suzzara in the province of Mantua, as a mechanical workshop for agricultural applications. Since the beginning the company stands for the quality of products: durable, easy to use, suitable for PIU'-USI, (from which it took its name).

Piusi draws wealth from this hard and generous land, and in return it offers stability and prosperity to the territory of Suzzara, Italy's economic engine.

No doubt people are the heart of PIUSI, driven by passion, pride and desire to win new challenges.

The constant research for innovative solutions, result of engineering Italian excellence, led PIUSI to be an established reality, operating in over 120 Countries.

The company offers a wide range of intelligent products, of excellent quality, and ease to use for the transfer and measurement of fuels, lubricants and fluids.

The Piusi products are able to meet all the needs of customers focused on market demands.

The company covers an area of 30,000 m², in which are located an automated warehouse and modern offices.

Also PIUSI boasts an efficient and dynamic business structure of 200 employees, laboratories of research and development, and a commercial network, that was further strengthened in 2009 with the opening of a branch in Florida for North and Central American market.

ZH. 企业简介

PIUSI(派优士)公司于1953年成立于意大利曼图瓦市的Suzzara镇。从一开始,企业的产品就以结实耐用、使用简便和适合于多用途(PIU'-USI)著称,这也是企业名称的由来。

脚踏着SUZZARA这块富饶辽阔的土地,派优士公司为这块作为意大利经济发动机的土地提供着成功和稳定的机械产品。

毫无疑问,充满激情、自豪和勇于挑战的员工是PIUSI派优士公司成功的关键。

凭藉意大利的在机械领域优异表现,企业连续不断地探讨创新的方案,令PIUSI派优士产品打入全球120多个国家的市场,并站稳脚跟。

公司研发了很多燃油、润滑剂和液体的输送及计量产品,产品高质、智能和使用简便。产品响应客户和市场需求。

公司占地30000平米,带有一个自动化仓库和现代化的办公设施。

此外,派优士公司拥有200名积极努力的员工、一个研发实验室和一个散射全球的商业网络。公司于2009年在美国佛罗里达成立办事处,巩固自己的市场地位,办事处业务覆盖中、北美洲。



EN. Our values

- Quality, recognised by the market and by international organizations which certify the reliability of production processes (UNI EN ISO 9001:2008), and that care for the environment (UNI EN ISO 14001:2004).

- High integrity and fairness in relations with customers, suppliers and collaborators, guaranteed by the international success of the company, steady growth and high rate of customer loyalty.

- Attention to provide innovative, easy to use and environmentally friendly solutions, because we have to maintain it healthy for the future of our children.

Products

PIUSI Spa provides professional, easy to use and high performance solutions for transferring, refueling and measuring fuels, lubricants and fluids, with a focus on the development of products for refueling urea (AdBlue®, DEF, ARLA).

Pumps, flow meters, dispensing instruments and PIUSI accessories (filters, nozzles, etc.) are used and required worldwide in different sectors: from transport to agriculture, from construction to automotive up to the marine.

ZH. 公司价值导向

- 质量，获得市场认可并取得国际上有关生产工艺可靠性认证(UNI EN ISO 9001:2008)和环保相关(UNI EN ISO 14001:2004)的认证。

- 诚实地与客户、供应商和合作伙伴交往，由国际上众多成功案例得到保证，企业不断地成长壮大，深受广大客户的尊敬。

- 为市场提供创新、使用简便和环境友好的解决方案，为着我们下一代的未来，我们必须尽职尽责。

公司产品

PIUSI派优士股份公司向燃料、润滑剂和液体、尿素溶液(AdBlue®, DEF, ARLA)的输送和计量提供专业的解决方案，产品使用简便、性能优异。

输送泵、流量计、加注设备和附件(过滤器、加油枪等)在全球各个行业备受青睐并深受用户赞赏：应用领域涵盖建筑机械、农业、汽车和船舶等。



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C COMPANY PROFILE CERTIFICATE ISO 9001 / 14001





EXPLOSION PROOF



DISPENSERS

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METERS



PUMPS

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DIRECTIVE **A**TEX / **IECE**x

EN. Safety in explosive environments

As of 1st July 2003, the ATEX directive came into force throughout the EEC. This directive became an obligatory requirement for all electrical and mechanical equipment intended for use in dangerous areas.

Potentially explosive atmospheres exist where there is a risk of explosion due to mixtures of gas and air, steam and air, dust and air or other flammable combinations typical of petrol vapours.

If the electrical or mechanical material must be used in areas where there is an explosive atmosphere, it must be designed and built so as not to create/ to eliminate sources of ignition such as sparks, hot surfaces or static electricity and all sources of combustion able to ignite these mixtures.

Risk areas for environments where gas and flammable vapours are present can range from AREA O (constant risk of explosion) to AREA 1 (risk of explosion probable) and AREA 2 (low risk and any risk of explosion persists for a short time only)

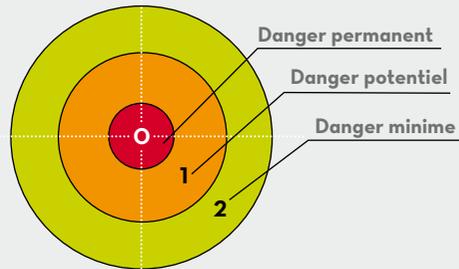
ZH. 爆炸环境中的安全

2003年7月1日后，在整个欧共体实行了ATEX标准，这个标准是专门针对在易爆环境内使用的器械、电气和机械产品强迫满足的条件。

易爆环境是指燃气/空气、蒸汽/空气、粉末/空气及其它可燃物质组合的容易发生爆炸或燃手的混合气体环境。

任何在这些具有潜在爆炸可能的区域使用的电气或机械材料必须得到特定的设计和制造，避免产生火花、表面过热或表面静电，以及所有能够引燃这些混合气的燃烧源。

易爆环境可分为0区(连续的爆炸危险)、1区(可能爆炸)和2区(不太可能有危险，且即使存在爆燃，也仅仅是短暂的持续)。



Our pumps complies with the following marking ATEX/IECEX

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS CLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

II = Group II comprises appliances intended for use in other environments (other than mining) in which explosive atmospheres are probable.

2 = High protection, Category 2 for AREA 1 GAS and AREA 2 GAS

G = Gas

Ex = Explosion-proof equipment certified according to the European ATEX directives

d = explosion-proof cases (EN 60079-1)

IIA = Electrical appliances for potentially explosive environments other than mining. (Propane, Butane etc.)

T4 = The temperature of the pump will not exceed 135°C

II = II组是指除矿业外的易爆炸气氛环境中使用的器械

2 = 极高保护，包括AREA1和AREA2气体环境

G = 燃气

Ex = 符合欧洲ATEX标准的防爆装备

d = 防爆等级符合EN 60079-1

IIA = 在飞矿业易爆环境中使用的电气设备。(环境中丙烷、丁烷等可燃气体)

T4 = 泵的表面温度不超过135°C

EN.

Piusi 's experience in the world of flammable liquids

Piusi renews his natural propension to find solutions for the transfer of fluids, expanding its range with new products to dispensing flammable liquids.

Experience gained with pumps for transferring diesel fuel, combined with the growing demands of the market, have fostered the development of this new range of pumps for gasoline, kerosene and diesel, that satisfy the criteria of strict ATEX directives concerning the use of materials in potentially explosive atmospheres.

The Piusi products have successfully obtained certification CESI: CESI12ATEX033X and IECEx Certificate of Conformity.

ZH. PIUSI派优士在易燃液体领域的经验

PIUSI派优士不断完善其在液体输送领域里的经验，成功地研制出用于易燃液体加注和输送的设备，从而令产品系列更加完善。

基于柴油加注泵方面长期的经验，及市场需求变化，激励着企业对新系列汽油、煤油和柴油泵产品的研发，并能符合易爆环境下的ATEX标准的苛刻要求。

派优士产品成功地获得CESI证书: CESI12ATEX033X和IECEx符合证书。





DISPENSERS PIUSI DRUM EX50

EN. ATEX/IECEx-certified transfer set for flammable liquids (petrol, kerosene and diesel fuel).

Pump with nozzle holder, easy to install on the barrel through the quick coupling 2". Dispensing unit equipped with telescopic suction tube for direct connection to the tank allows easy and clean use of the dispenser.

- Sturdy and compact structure;
- Cast iron body;
- High efficiency pump that can deliver up to 50 l / min, with reduced absorption to ensure a long service life;
- Anti-noise filter (electromagnetic compatibility EMC);
- Flanged components: pump, meter and filters can be installed or replaced without the use of sealant, making connection quick and safe;
- Bypass valve built;
- Thermal protection;
- Non-return valve and pressure relief valve;
- Suction unit with integrated filter.

ZH. 产品获得ATEX/IECEx防爆证书。

设备配2"油桶连接件，配备枪座的输送泵可简便地安装在油桶上。可伸缩吸油管组件可直接连接到油桶，操作简便和保持加油机干净。

- 结构结实紧凑；
- 铸铁泵体；
- 高达50公升/分钟的流量，消耗功率小，保证了更长的寿命；
- 低噪音过滤器(符合EMC电磁兼容性标准)；
- 法兰，油泵、流量表和过滤器可不使用密封材料来进行安装和更换，令连接快速且安全；
- 内置旁通阀；
- 过热保护；
- 带有止回阀和超压排放阀；
- 吸油管配过滤网

Our product complies with the following marking ATEX/IECEx

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS CLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
without meter					
F00372000	10	22	600x400x290	23,6x13,7x11,4	1
F00372010	10	22	600x400x290	23,6x13,7x11,4	1
F00372030	10	22	600x400x290	23,6x13,7x11,4	1
F00372040	10	22	600x400x290	23,6x13,7x11,4	1
F00374000	10	22	600x400x290	23,6x13,7x11,4	1
F00374010	10	22	600x400x290	23,6x13,7x11,4	1
with meter					
F00375000	12	24,5	600x400x290	23,6x15,7x11,4	1
F00375010	12	24,5	600x400x290	23,6x15,7x11,4	1
F00375020	12	24,5	600x400x290	23,6x15,7x11,4	1
F00375030	12	24,5	600x400x290	23,6x15,7x11,4	1
F00376000	12	24,5	600x400x290	23,6x15,7x11,4	1
F00376010	12	24,5	600x400x290	23,6x15,7x11,4	1



Flow-rate

up to
50 l/min
(up to 13 gpm)



DISPENSERS



PUMPS

METERS

NOZZLE METERS

FEATURES

<p>Water captor</p>	<p>2" connector</p>	<p>Gasoline Hose</p> <p>Code F181510000 (4 mt 3/4")</p>	<p>Manual nozzle</p> <p>Code 00065003A</p>	<p>Automatic nozzle</p> <p>Code F00613020</p>	<p>Telescopic pipe</p> <p>Code FO8934020</p>
<p>Cable gland</p> <p>Code F18624000</p>	<p>Metric adaptor</p> <p>Code F18156000</p>	<p>12V Power supply cable</p> <p>Code F18626000 12V AWG 12 cable (4 mt) + cable gland</p>	<p>UL Listed Motor version (available)</p>		

ON REQUEST

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Nozzle type	Meter type	Inlet BSP	Hose	
			l/min	gpm	AC V/Hz	DC Volt	Power Watt				Amp. max.	length
without meter												
F00372000	DRUM EX50 12V DC ATEX + man. nozzle	DGK	50	13	12	250	21	Man.	-	1"	4 m	3/4"
F00372010	DRUM EX50 12V DC ATEX + aut. nozzle	DGK	50	13	12	250	21	Aut.	-	1"	4 m	3/4"
F00372030	DRUM EX50 12V DC ATEX + man. nozzle + cable	DGK	50	13	12	250	21	Man.	-	1"	4 m	3/4"
F00372040	DRUM EX50 12V DC ATEX + aut. nozzle + cable	DGK	50	13	12	250	21	Aut.	-	1"	4 m	3/4"
F00374000	DRUM EX50 230V ATEX + man. nozzle	DGK	50	13	230/50	250	1	Man.	-	1"	4 m	3/4"
F00374010	DRUM EX50 230V ATEX + aut. nozzle	DGK	50	13	230/50	250	1	Aut.	-	1"	4 m	3/4"
with meter												
F00375000	DRUM EX50 12V DC K33 ATEX + man. nozzle	DGK	50	13	12	250	21	Man.	K33	1"	4 m	3/4"
F00375010	DRUM EX50 12V DC K33 ATEX + aut. nozzle	DGK	50	13	12	250	21	Aut.	K33	1"	4 m	3/4"
F00375020	DRUM EX50 12V DC K33 ATEX+man.nozzle+cable	DGK	50	13	12	250	21	Man.	K33	1"	4 m	3/4"
F00375030	DRUM EX50 12V DC K33 ATEX+aut.nozzle+cable	DGK	50	13	12	250	21	Aut.	K33	1"	4 m	3/4"
F00376000	DRUM EX50 230V + K33 ATEX + man. nozzle	DGK	50	13	230/50	250	1	Man.	K33	1"	4 m	3/4"
F00376010	DRUM EX50 230V + K33 ATEX + aut. nozzle *	DGK	50	13	230/50	250	1	Aut.	K33	1"	4 m	3/4"

(*) Upon request it is available with different voltages and 60 Hz frequency

ACCESSORIES

FILTERING



PUMPS PIUSI EX50

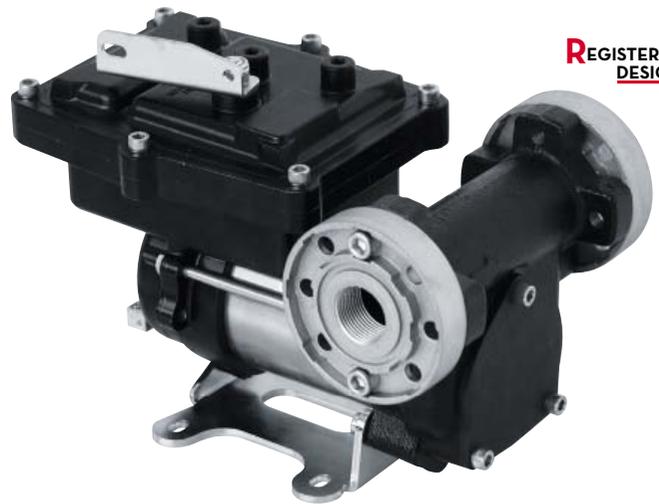
EN.

PIUSI EX50 satisfies the strict ATEX / IECEx directive concerning the use of materials in potentially explosive atmospheres.

- Sturdy and compact structure;
- Cast iron body;
- High efficiency pump that can deliver up to 50 l / min, with reduced absorption to ensure a long service life;
- Anti-noise filter (electromagnetic compatibility EMC);
- Flanged components: pump, meter and filters can be installed or replaced without the use of sealant, making connection quick and safe;
- Bypass valve built;
- Thermal protection;
- Non-return valve and pressure relief valve;
- Suction unit with integrated filter.

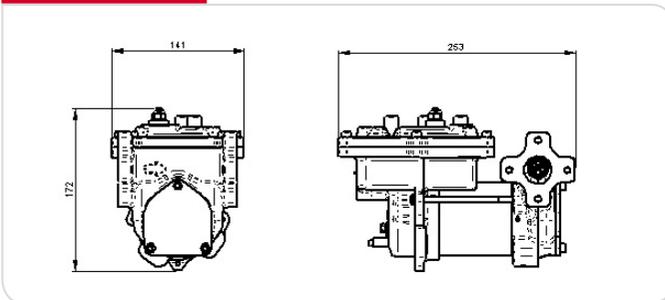
ZH. PIUSI EX50符合在有可能出现爆炸气氛的环境中使用材料标准ATEX/IECEx的苛刻要求。

- 结构结实紧致;
- 铸铁躯体;
- 高效电机可达50公升/分钟的流量, 吸收功率极小, 保证了更长的寿命;
- 无噪音过滤器(符合EMC电磁兼容性标准);
- 法兰、加注泵、流量表和过滤器可不使用密封材料来进行安装和更换, 令连接快速且安全;
- 内置旁通阀;
- 过热保护;



REGISTERED DESIGN

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		pcs/box
	kg	lbs	mm	inch	
F00371000	6,9	15,2	345x175x225	13,6x6,9x10	1
F00372020	7,9	17,4	345x175x225	13,6x6,9x10	1
F00373000	6,9	15,2	345x175x225	13,6x6,9x10	1
F00374020	7,9	17,4	345x175x225	13,6x6,9x10	1



Flow-rate

up to
50 l/min
(up to 13 gpm)



PIUSI

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

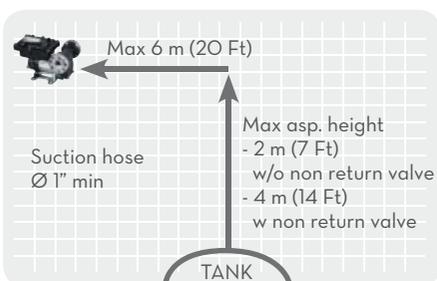
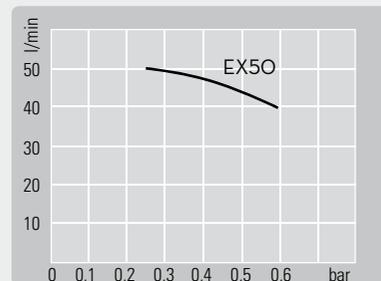


EX50 PUMP



EX50 KIT

- Integrated Check valve and Pressure Relief valve
- nozzle holder switch
- drum 2" connector



Our product complies with the following marking ATEX/IECEx

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS CLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

FEATURES

ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Duty cycle on/off min.	rpm	Inlet BSP
			l/min	gpm	AC V./Hz DC Volt	Power Watt	Amp. max.			
F00371000	EX50 12V DC ATEX	DCEK	50	13	12	250	21	30/60	2700	1"
F00372020	Kit Drum EX50 12V DC ATEX	DCEK	50	13	12	250	21	30/60	2700	1"
F00373000	EX50 230V AC ATEX	DCEK	50	13	230/50	250	1	30/60	2700	1"
F00374020	Kit Drum EX50 230V AC ATEX *	DCEK	50	13	230/50	250	1	30/60	2700	1"

(*) Upon request it is available with different voltages and 60 Hz frequency



K MECHANICAL METERS 33 - ATEX

EN. New mechanical meter for accurate measuring of the quantity dispensed within private applications (gasoline, kerosene, diesel), meets the ATEX requirements, related to the use of materials in potentially explosive atmospheres.

It is reliable, economical, easy to install and can be calibrated on-site.

Furthermore, it can perform well under gravity thanks to the low flow resistance. The K33 ATEX meter can be installed in both rigid and flexible pipes or directly on pumps and tanks.

The equipment is classified as follows:

Group II, category 2 G c IIB T=85°C (T6), so the flow meter is suitable for working in areas classified as 1 and 2 in accordance with directive 99/92/CE.

ZH. 用于计量(汽油、煤油和柴油)的流量的新式小型机械流量表,符合ATEX防爆标准。

可靠、经济和安装简便,并可在安装现场进行调校。此外,由于具备极低的流动阻力,也可以用作重力式加注。

K33 ATEX计量器既可安装在硬管上,也可安装在软管上,或者可直接安装在加注泵和油箱上。

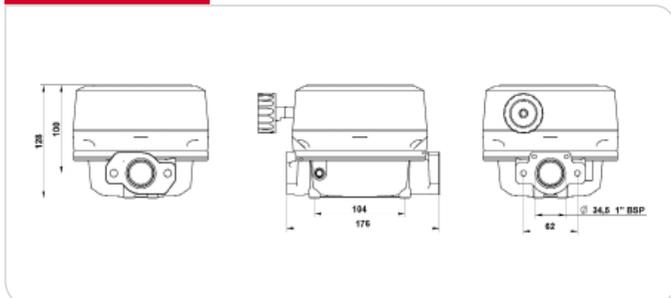
设备防爆等级:

II组,类别2 G c IIB T=85°C (T6),因此,按照99/92/CE标准,流量表也可以在“1级环境”和“2级”的区域工作。

PERFORMANCE

- 3-digit partial indicator (max. 999 litres), total 6 digits.
 - Flow rates 20 - 120 l/min
 - Accuracy +/- 1%
 - Repeatability +/- 0.3%
 - Operating pressure 3.5 bar
 - Bursting pressure 28 bar
- 显示器单次流量3位(最多999公升),总数6位显示。
 - 流量20 - 120公升/分钟
 - 计量精度+/- 1%
 - 可重复性+/- 0.3%
 - 最大工作压力3.5bar
 - 爆裂压力28bar

DIMENSIONS



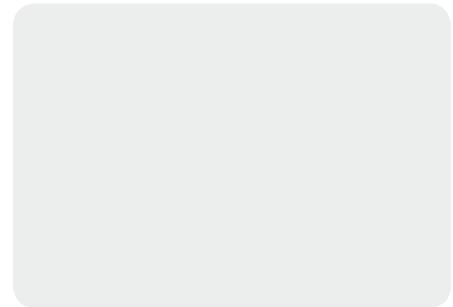
PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00570000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
F00570010	0,6	1,3	180x180x170	7,1x7,1x6,7	1
F00570020	0,6	1,3	180x180x170	7,1x7,1x6,7	1
F00570030	0,6	1,3	180x180x170	7,1x7,1x6,7	1



Flow-rate
up to
120 l/min
(up to 32 gpm)

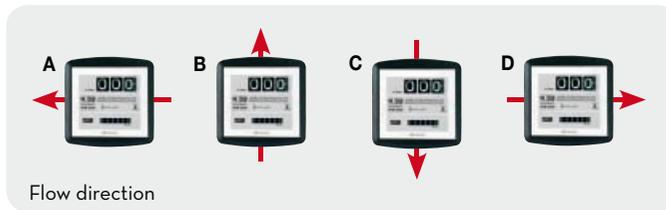
Accuracy
+/-
1%



Our product complies with the following marking ATEX

II	2	G	c	IIB	T6
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PROTECTION METHOD	GAS CLASS	TEMPERATURE CLASS

FEATURES



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	 Flow direction	Flow-rate		Pressure		Inlet Outlet
				l/min	gpm	bar	psi	
F00570000	K33-ATEX Ver. A	DGK	←	20 - 120	5 - 32	3,5	50	1" BSP
F00570010	K33-ATEX Ver. B	DGK	↑	20 - 120	5 - 32	3,5	50	1" BSP
F00570020	K33-ATEX Ver. C	DGK	↓	20 - 120	5 - 32	3,5	50	1" BSP
F00570030	K33-ATEX Ver. D	DGK	→	20 - 120	5 - 32	3,5	50	1" BSP

DISPENSERS
PUMPS
METERS
NOZZLE METERS
NOZZLE
SPECIAL EQUIPMENTS
FLUID MONITORING
ACCESSORIES
FILTERING

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

K ELECTRONIC TURBINE PULSE-METERS

24 - ATEX / IECEx

NEW



EN. New meter for accurate measuring of the quantity dispensed within private applications (gasoline, kerosene, diesel), meets the ATEX/IECEx requirements, related to the use of materials in potentially explosive atmospheres.
Digital flow meters for low-viscosity fluids. Easy to install in line or at the end of a delivery pipe, equipped with a screen that can be adjusted to various positions for easy reading. The ideal instrument for controlling fluid dispensing. Sturdy casing and a sealed electronic card make it suitable for use in practically all conditions.

Aluminum body.
Impulse-type signals:
single channel, reed switch.
Electronic card with LCD display: 5-digit partial from 0.1 to 99999, 6-digit total from 1 to 999999
Resettable total available.
Flow rate indication.
Repeatability 0.3 %. Loss of pressure < 0.03 bar at 120 l/min.
Can be calibrated.

ZH. 用于测量量流体(汽油、煤油和柴油)流量的新式小型电子式流量表,符合ATEX/IECEx防爆标准要求。

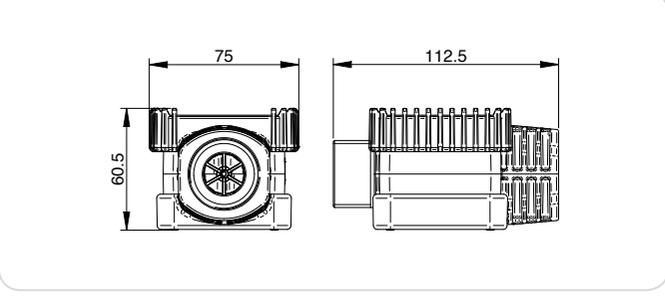
低稠度液体用涡轮式数字计量器。安装简便,可管线上安装或安装在油管一端,备有可在特调方向显示器,以方便阅读。是液体加注的理想计量表。结实的躯体和密封的电子板令设备几乎可以使用在任何的条件下。

铝质躯体。
脉冲信号类型:单信道、干簧管。
带LCD显示器的电子板:
单次流量小计5位数码显示,从0.1到99999,总数6位数码显示,从1到999999。
单次流量可清零
重复性0.3%。载荷损失120公升/分钟时<0.03巴
可调校。

PERFORMANCE

- Flow rates 7 - 120 l/min
 - Accuracy +/- 1%
 - Repeatability 0.3 %
 - Max. operating pressure 20 bar
 - Bursting pressure 100 bar
 - I/O 1"
- 流量7 - 120公升/分钟
 - 计量精度+/- 1%
 - 可重复性0.3%
 - 最高工作压力20巴
 - 爆裂压力100巴
 - G1" 进出接口

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
K24 A ATEX/IECEx					
F00408X00	0,5	1,1	115x160x135	4,5x6,3x5,3	1
F00408X10	0,5	1,1	115x160x135	4,5x6,3x5,3	1
F00408U1A	0,5	1,1	Blister	Blister	1
F00408U0A	0,5	1,1	Blister	Blister	1
K24 A ATEX/IECEx PULSER					
F00408Y00	0,5	1,1	115x160x135	4,5x6,3x5,3	1
F00408Y10	0,5	1,1	115x160x135	4,5x6,3x5,3	1



PATENTED
REGISTERED DESIGN

Flow-rate
up to
120 l/min
(up to 32 gpm)

Accuracy
+/-
1%



Rotable display



Bidirectional

Our product complies with the following marking ATEX/IECEx

II	2	G	Ex	ia	IIB	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS CLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

FEATURES



ON REQUEST



92 pulse/l



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Special Battery included No. 1 3v lithium	Flange	Inlet - Outlet
			l/min	gpm	bar	psi			
K24 A ATEX/IECEx									
F00408X00	K24 A M/F 1" BSP ATEX/IECEx	D G K	7 - 120	2 - 32	20	300	YES	NO	M 1" BSP - F 1" BSP
F00408X10	K24 A M/F 1" NPT ATEX/IECEx	D G K	7 - 120	2 - 32	20	300	YES	NO	M 1" NPT - F 1" NPT
F00408U1A	K24 UL M/F 1" BSP - UL Classified	D G K	7 - 120	2 - 32	20	300	YES	NO	M 1" BSP - F 1" BSP
F00408U0A	K24 UL M/F 1" NPT - UL Classified	D G K	7 - 120	2 - 32	20	300	YES	NO	M 1" NPT - F 1" NPT
K24 A ATEX/IECEx PULSER									
F00408Y00	K24 A PULSER M/F 1" BSP ATEX/IECEx (92 pulse/l)	D G K	7 - 120	2 - 32	20	300	NO	NO	M 1" BSP - F 1" BSP
F00408Y10	K24 A PULSER M/F 1" NPT ATEX/IECEx (92 pulse/l)	D G K	7 - 120	2 - 32	20	300	NO	NO	M 1" NPT - F 1" NPT

Fluids permitted: - diesel - kerosene - petrol - petrol alcohol mixed max 20% - avgas 100/100LL - jet A/A1 - aspen 2/4
UL classified version available



DISPENSERS

18



PUMPS

60



METERS

80



NOZZLE

98

102

FLUID MONITORING



118

ACCESSORIES



130

FILTERING



S DISPENSERS SELF SERVICE K44



EN. Complete range of fuel dispensers for non commercial use. Sturdy structure fitted with front door for easy maintenance operations. High capacity vane pump. Inbuilt bypass.

Automatic nozzle with swivel connection. Inbuilt water absorption filter (or on request according to model) to ensure that dispensed product is free of impurities.

Nutating-disk displacement flow meter with mechanical readout system.

ZH. 非商用小型燃料加油机。结构结实，备有易于维护的前门。高流量叶片泵。内置旁通阀。

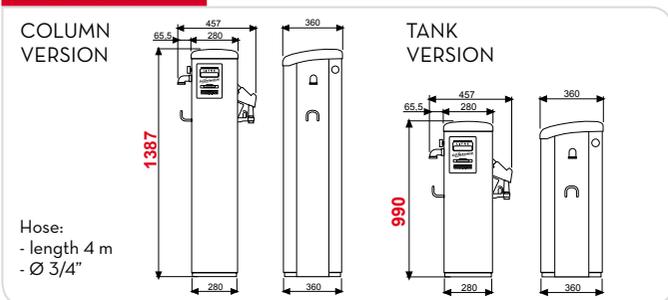
带回转接头的自动加油枪。内置油水分离过滤器(可选配)可保证加注油品的纯净度。

配有圆盘式数码式流量计，机械指示。

PERFORMANCE

- Flow rate up to 90 l/min
- Accuracy: +/- 1 %
- Continuous AC operation.
- Noise level below 75 dB
- IP55 protection
- 流量达90公升/分钟
- 计量精度: +/- 1 %
- 交流电机可电连续工作
- 噪音低于75 dB
- 防护等级 IP55

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Column versions					
F0073701B	67	148	1478x488x400	58,2x19,2x16,5	1
F00740B0B	75	165	1478x488x400	58,2x19,2x16,5	1
F0074002A	75	165	1478x488x400	58,2x19,2x16,5	1
Tank versions					
F00737B0B	57	126	1080x488x400	42,5x19,2x16,5	1
F00740B0B	65	143	1080x488x400	42,5x19,2x16,5	1
F00737B2B	57	126	1080x488x400	42,5x19,2x16,5	1



Flow-rate

up to
90 l/min
(up to 24 gpm)

Accuracy

+/-
1%

PIUSI[®]

DISPENSERS



Column version



Tank version



PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FEATURES

Mechanical meter integrated



Filter integrated (column version)



FLUID MONITORING

ACCESSORIES

FILTERING

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump mod.	Meter mod.	Nozzle type	Filter		Inlet BSP	PC connection
			l/min	gpm	AC V./Hz DC Volt	Power Watt	Amp. max.				H ₂ O filter	Filtering capacity		
Column versions														
F0073701B	Self service 70 K44	DB	70	18	230/50	900	4,2	Panth 72	K44	Aut.	YES	30 μ	1"1/2	NO
F00740B0B	Self service 100 K44	DB	90	24	230/50	1150	5,7	E 120	K44	Aut.	YES	30 μ	1"1/2	NO
F0074002A	Self service 100 K44 Pulser	DB	90	24	230/50	1150	5,7	E 120	K44P	Aut.	YES	30 μ	1"1/2	NO
Tank versions														
F00737B0B	Self service 70 K44 Tank	DB	70	18	230/50	900	4,2	Panth 72	K44	Aut.	NO	-	1"1/2	NO
F00740B0B	Self service 100 K44 Tank	DB	90	24	230/50	1150	5,7	E 120	K44	Aut.	NO	-	1"1/2	NO
F00737B2B	Self service 70 K44 Tank Pulser	DB	70	18	230/50	900	4,2	Panth 72	K44P	Aut.	NO	-	1"1/2	NO

Upon request it is available with different voltages and 60 Hz frequency

S DISPENSERS SELF SERVICE MC



EN. Complete range of fuel dispensers for non commercial use. Sturdy structure fitted with front door for easy maintenance operations. High capacity vane pump. Inbuilt bypass. Automatic nozzle with swivel connection. Inbuilt water absorption filter (or on request according to model) to ensure that dispensed product is free of impurities.

Fitted with oval gear meters and an electronic unit for multiuser control and pre-selected dispensing. Local memory capable of storing data for last 255 operations. Interfaces with PC for sending and organising data. Possibility of entering vehicle registration number, kilometres, date and time of delivery. Magnetic keys (Kit keys) available for user identification.

On request: a dedicated software for printing individual summaries of dispensing details.

ZH. 全功能系列小型燃料加油机。结构结实，备有易于维护的前门。高流量叶片泵。内置旁通阀。带回转头式自动加油枪。内置油水分离过滤器(可选配)可保证加注油品的纯净度。

配备椭圆齿轮流量表和管理多用户的预设中央控制盒。最新255笔操作记录本地储存。数据导出和管理PC界面。可记录车辆代码、公里数、日期和时间。备有磁性钥匙(Kit keys)来识别用户。

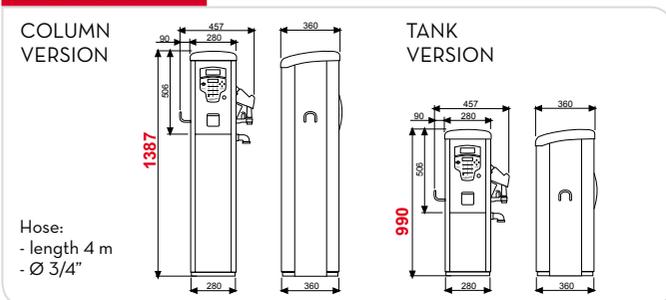
选配件：对用户加注状况细节及合计的打印专用软件。

PERFORMANCE

- Flow rate up to 90 l/min
- Accuracy: +/- 0.5 %
- Continuous AC operation.
- Noise level below 75 dB
- IP55 protection

- 流量达90公升/分钟
- 计量精度： +/- 0.5 %
- 交流电机可电连续工作
- 噪音低于75 dB
- 防护等级IP55

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Column versions					
F0073801C	67	148	1478x488x400	58,2x19,2x16,5	1
F0074101C	75	165	1478x488x400	58,2x19,2x16,5	1
F00738060	67	148	1478x488x400	58,2x19,2x16,5	1
Tank versions					
F00738B0C	57	126	1080x488x400	42,5x19,2x16,5	1
F00741B0C	65	143	1080x488x400	42,5x19,2x16,5	1



Flow-rate
up to
90 l/min
(up to 24 gpm)

Accuracy
+/-
0,5%

Users
no.
80
max.



DISPENSERS



Column version



Tank version

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FEATURES

Water captor

H₂O

(only column versions)

Display cover

ON REQUEST

Self service desk software

See "Fluid monitoring" section

FLUID MONITORING

ACCESSORIES

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump mod.	Meter mod.	Nozzle type	Filter		Inlet BSP	PC connection
			l/min	gpm	AC V./Hz	DC Volt	Power Watt				Amp. max.	H ₂ O filter		
Column versions														
F0073801C	Self service 70 MC F	D B	70	18	230/50	900	4,2	Panth 72	K600	Aut.	YES	30 μ	1"1/2	YES
F0074101C	Self service 100 MC F	D B	90	24	230/50	1150	5,7	E 120	K600	Aut.	YES	30 μ	1"1/2	YES
F00738060	Self service 70 MC F Printer*	D B	70	18	230/50	900	4,2	Panth 72	K600	Aut.	YES	30 μ	1"1/2	YES
Tank versions														
F00738B0C	Self service 70 MC Tank	D B	70	18	230/50	900	4,2	Panth 72	K600	Aut.	NO	-	1"1/2	YES
F00741B0C	Self service 100 MC Tank	D B	90	24	230/50	1150	5,7	E 120	K600	Aut.	NO	-	1"1/2	YES

* with 7 m hose

Upon request it is available with different voltages and 60 Hz frequency

FILTERING

S DISPENSERS SELF SERVICE FM



EN. Complete range of fuel dispensers for non commercial use. Sturdy structure fitted with front door for easy maintenance operations. High capacity vane pump. Inbuilt bypass. Automatic nozzle with swivel connection. Inbuilt water absorption filter (or on request according to model) to ensure that dispensed product is free of impurities.

Fitted with oval gear meters and an electronic unit for multiuser control and pre-selected dispensing. Local memory capable of storing data for last 255 operations. Interfaces with PC for sending and organising data. Possibility of entering vehicle registration number, kilometres, date and time of delivery. Magnetic keys (Kit keys) available for user identification.

On request: a dedicated software for printing individual summaries of dispensing details.

ZH. 全功能系列小型燃料加油机。结构结实，备有易于维护的前门。高流量叶片泵。内置旁通阀。带回转接头式自动加油枪。内置油水分离过滤器(可选配)可保证加注油品的纯净度。

配备椭圆齿轮流量表和管理多用户的预设功能中央控制盒。最新255笔操作记录本地储存。数据导出和管理的PC界面。可记录车辆代码、公里数、日期和加油时间。备有磁性钥匙(Kit keys)来识别用户。

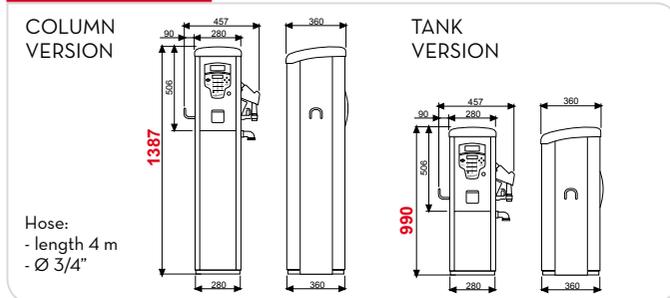
选配件：记录用户加注细节及合计的打印专用软件。

PERFORMANCE

- Flow rate up to 90 l/min
- Accuracy: +/- 0.5 %
- Continuous AC operation.
- Noise level below 75 dB
- IP55 protection

- 流量达90公升/分钟
- 计量精度： +/- 0.5 %
- 交流电机可连续工作
- 噪音低于75 dB
- 防护等级 IP55

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Column versions					
F0073900B	67	148	1478x488x400	58,2x19,2x16,5	1
F0074200B	75	165	1478x488x400	58,2x19,2x16,5	1
Tank versions					
F00739B0B	57	126	1080x488x400	42,5x19,2x16,5	1
F00742B0B	65	143	1080x488x400	42,5x19,2x16,5	1



Flow-rate
up to
90 l/min
(up to 24 gpm)

Accuracy
+/-
0,5%

Users
no.
120
max.



DISPENSERS



PUMPS

METERS



Ticket printer included



Tank version

NOZZLE METERS

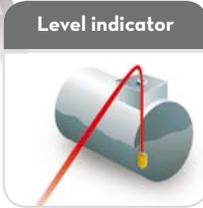
NOZZLE

SPECIAL EQUIPMENTS

FEATURES



Water captor
(only column versions)



Level indicator



Display cover

ON REQUEST



Self service desk software

See "Fluid monitoring" section

FLUID MONITORING

ACCESSORIES

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump mod.	Meter mod.	Nozzle type	Filter		Inlet BSP	PC connection
			l/min	gpm	AC V./Hz	DC Volt	Power Watt				Amp. max.	H ₂ O filter		
Column versions														
F0073900B	Self service 70 FM	DB	70	18	230/50	900	4,2	Panth 72	K600	Aut.	YES	30 μ	1"1/2	YES
F0074200B	Self service 100 FM	DB	90	24	230/50	1150	5,7	E 120	K600	Aut.	YES	30 μ	1"1/2	YES
Tank versions														
F00739B0B	Self service 70 FM Tank	DB	70	18	230/50	900	4,2	Panth 72	K600	Aut.	NO	-	1"1/2	YES
F00742B0B	Self service 100 FM Tank	DB	90	24	230/50	1150	5,7	E 120	K600	Aut.	NO	-	1"1/2	YES

Upon request it is available with different voltages and 60 Hz frequency

FILTERING

CUBE 56 - 70 DISPENSERS



EN. Diesel fuel dispenser for non commercial use. Sturdy structure designed for different applications: can be fixed to walls, tanks cisterns, drums, special pedestals. Self-priming vane pump fitted with bypass, installed on anti-vibration supports. Mechanical seal. Induction motor fitted with thermal motor overload protection. Automatic nozzle with swivel connection. Integrated nozzle holder with stop/start pump lever. Intake mesh filter.

ZH. 非商用小型柴油加油机，壳体坚固：可挂在墙壁；油箱、油罐上、油桶上和专用座架上。带旁通阀的自吸叶片泵，安装在防震支座上。机械密封。永磁电机带过热保护。

带回转接头的自动加油枪。带控制油泵运行/停顿控制杆的整体枪托。油泵吸油管有过滤网。

配有圆盘式容积流量表，机械指示。

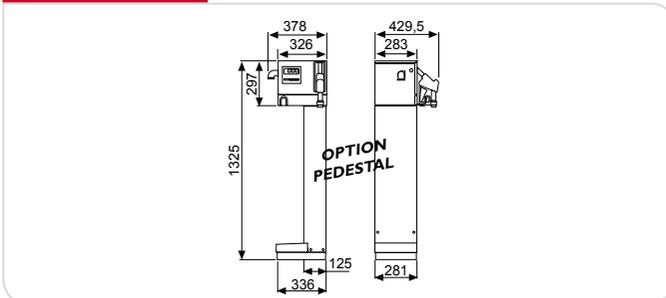
Nutating-disk displacement flow meter with mechanical readout system.

PERFORMANCE

- Flow rate up to 70 l/min
- Accuracy: +/- 1%
- AC and DC versions available
- Noise level below 75 dB
- IP55 protection

- 流量达70公升/分钟
- 计量精度： +/- 1%
- 可选交流或直流型
- 噪音低于75 dB
- 防护等级IP55

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
00057500C	21	46	400x400x460	15,7x15,7x18,1	1
F0059100A	21	46	400x400x460	15,7x15,7x18,1	1
F0057600C	21	46	400x400x460	15,7x15,7x18,1	1
F0057700C	21	46	400x400x460	15,7x15,7x18,1	1
F00575400	22	48	400x400x460	15,7x15,7x18,1	1
F00591200	22	48	400x400x460	15,7x15,7x18,1	1



Flow-rate
up to
70 l/min
(up to 18 gpm)

Accuracy
+/-
1%



DISPENSERS



Cube 56



Cube 70

PUMPS

METERS

NOZZLE METERS

NOZZLE

ON REQUEST



Code R12737000



H₂O



RED Code F1093640B
BLEU Code F1093600B



Code R08930000



with integrated valve
Code F17163000

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump mod.	Meter mod.	Nozzle type	Filter		Inlet BSP	Hose	
			l/min	gpm	AC V./Hz	DC Volt	Power Watt				Amp. max.	H ₂ O filter		Filtering capacity	length
00057500C	Cube 56	D	56	15	230/50	600	3	Panth 56	K33	Aut.	NO	-	1"	4 m	3/4"
F0059100A	Cube 70/33	D	70	18	230/50	850	4,2	Panth 72	K33	Aut.	NO	-	1"	4 m	1"
F0057600C	Cube 56 DC 12V	D	56	15	12	420	35	Panth DC	K33	Aut.	NO	-	1"	4 m	3/4"
F0057700C	Cube 70 DC 24V	D	70	18	24	600	25	Panth DC	K33	Aut.	NO	-	1"	4 m	1"
F00575400	Cube 56/33 + Filter	D	56	15	230/50	600	3	Panth 56	K33	Aut.	YES	30 µ	1"	6 m	3/4"
F00591200	Cube 70/33 + Filter	D	70	18	230/50	850	4,2	Panth 72	K33	Aut.	YES	30 µ	1"	6 m	1"

Upon request it is available with different voltages and 50/60 Hz frequency

FILTERING

C DISPENSERS UBE 70 MC

EN. Diesel fuel dispenser for non commercial use. Sturdy structure designed for different applications: can be fixed to walls, tanks cisterns, drums, special pedestals. Self-priming vane pump fitted with bypass, installed on anti-vibration supports. Mechanical seal. Induction motor fitted with thermal motor overload protection. Automatic nozzle with swivel connection. Integrated nozzle holder with stop/start pump lever. Intake mesh filter.

Fitted with oval gear meters and an electronic unit for multiuser control and pre-selected dispensing.

Local memory capable of storing data for last 255 operations. Interfaces with PC for sending and organising data. Possibility of entering vehicle registration number, kilometres, date and time of dispensing operation.

Magnetic keys (Kit keys) available for user identification.

On request: a dedicated software for printing individual summaries of dispensing details.

ZH. 多用途非商用小型柴油加油机，壳体坚固耐用，可挂在墙壁；油箱、油罐上、油桶上和专用座架上。带有阀的自吸叶片泵，安装在防震支座上。配机械密封。永磁电机带过热保护。

带回转头自动加油枪。配控制油泵运行/停顿控制杆的整体枪座。油泵吸入端备有过滤网。配备椭圆齿轮流量表和带预设功能的管理多用户中央控制盒。最新55项操作本地储存。数据导出和管理的PC界面。可记录车辆代码、公里数、日期和加油时间。备有磁性钥匙(Kit keys)来识别用户。

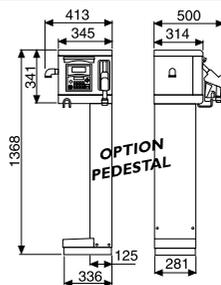
选配件：对用户加注状况细节及合计的打印专用软件。

PERFORMANCE

- Flow rate up to 70 l/min
- Accuracy: +/- 0.5 %
- Continuous AC operation.
- Noise level below 75 dB
- IP55 protection

- 流量达70公升/分钟
- 计量精度： +/- 0.5 %
- 交流电机可连续工作
- 噪音低于75 dB
- 防护等级IP55

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0059400C	25	55	400x400x460	15,7x15,7x18,1	1
F0059413B	25	55	400x400x460	15,7x15,7x18,1	1
F0059414B	25	55	400x400x460	15,7x15,7x18,1	1
F0059415B	25	55	400x400x460	15,7x15,7x18,1	1



Flow-rate
up to
70 l/min
(up to 18 gpm)

Accuracy
+/-
0,5%

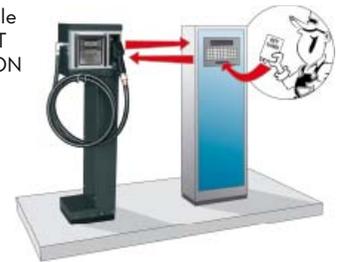
Users
no.
120
max.



Cube 70 MC



Available
PRESET
VERSION



FEATURES



Display cover

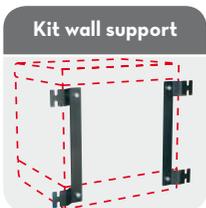
ON REQUEST



Self service desk software

See "Fluid monitoring" section

ON REQUEST



Kit wall support

Code R12737000



Water captor



H₂O



Kit lock

Code: R12738000
(Key lock not included)



DC version



2" Quick coupling

Code R08930000



2" Drum connector

with integrated valve
Code F17163000

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump mod.	Meter mod.	Nozzle type	Filter H ₂ O filter	Inlet BSP	Hose		PC connection	Users no.
			l/min	gpm	AC V/Hz	DC Volt	Power Watt						Amp. max.	length		
F0059400C	Cube 70 MC	D	70	18	230/50	900	4,2	Panth 72	K600	Aut.	NO	1"	4 m	1"	YES	50
F0059413B	Cube 70 MC DC 12V	D	56	15	12	420	35	Panth DC	K600	Aut.	NO	1"	4 m	1"	YES	50
F0059414B	Cube 70 MC DC 24V	D	70	18	24	600	25	Panth DC	K600	Aut.	NO	1"	4 m	1"	YES	50
F0059415B	Cube 70 MC 120 UT	D	70	18	230/50	900	4,2	Panth 72	K600	Aut.	NO	1"	4 m	1"	YES	120

Upon request it is available with different voltages and 60 Hz frequency

CUBE MC LITE

DISPENSERS

NEW



EN. Diesel fuel dispenser for non commercial use. CUBE 70 LITE includes some functions of the CUBE dispenser allowing the possibility of single user accesses and fuel consumption records.

It is provided with 4 user keys in order to start dispensing as quick as possible.

CUBE 70 LITE permits:

- Identification of authorized users
- Pre-selection of dispensed quantity
- Total consumption
- User consumption

Sturdy structure designed for different applications: can be fixed to walls, tanks cisterns, drums, special pedestals. Self-priming vane pump fitted with bypass, installed on anti-vibration supports. Mechanical seal. Induction motor fitted with thermal motor overload protection. Automatic nozzle with swivel connection. Integrated nozzle holder with stop/start pump lever. Intake mesh filter. Fitted with oval gear meters.

ZH. 小型柴油加油机

CUBE 70 MC LITE除了拥有CUBE加油机的所有功能外，更带有检测单个用户使用和耗用量检测的功能。

备有4条用户钥匙，可以最快的速度进行加油。

CUBE 70 MC LITE可进行如下：

- 识别已授权用户
- 加油量预选
- 总消耗量
- 单个用户消耗量

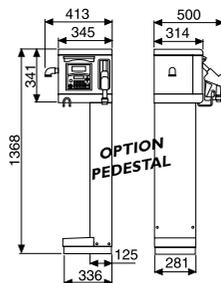
为各种用途预备的坚固壳体：壁挂；油箱、油罐上、油桶上和专用座架上。自吸叶片泵带有旁通功能，安装在防震支座上。机械密封。磁电机带有可防止自动加油枪连接接头运作过热的热保护功能。枪座内置油泵运行/停顿控制杆。油泵吸入端备有网格式过滤器。配有齿轮计量器

PERFORMANCE

- Flow rate up to 70 l/min
- Accuracy: +/- 0.5 %
- Continuous AC operation.
- Noise level below 75 dB
- IP55 protection
- Up to 20 users
- 4 user keys
- Consumption report

- 流量达70公升/分钟
- 计量精度：+/- 0.5 %
- 交流电连续运作
- 噪音低于75 dB
- IP55防护
- 多达20个用户
- 4条用户钥匙
- 耗用量报告

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00595500	26	57	400x400x460	15,7x15,7x18,1	1



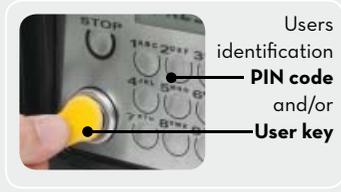
Flow-rate
up to
70 l/min
(up to 18 gpm)

Accuracy
+/-
0,5%

Users
no.
20
max.



DISPENSERS



PUMPS

METERS

NOZZLE METERS

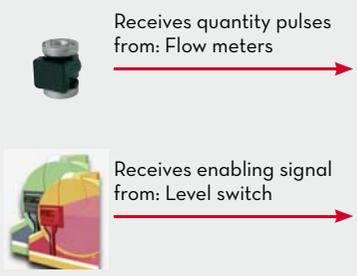
NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



FEATURES



ON REQUEST



Code R12737000



Code R12738000 (Key lock not included)



Code R12738000 (Key lock not included)



Code R08930000



with integrated valve
Code F17163000

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump mod.	Meter mod.	Nozzle type	Filter H ₂ O filter	Inlet BSP	Hose		PC connection	Users no.
			l/min	gpm	AC V/Hz	DC Volt	Power Watt						Amp. max.	length		
F00595500	CUBE 70 MC LITE	D	70	18	230/50	900	4,2	Panth 72	K600	Aut.	NO	1"	4 m	1"	NO	20

Upon request it is available with different voltages and 60 Hz frequency



C DISPENSERS

CUBE MC PRESET

EN. Diesel fuel dispenser with pre-selection. A new product designed to cater for the market demand for a dispensing unit complete with pump, flow meter and nozzle, and which is above all easily interfaceable with the most sophisticated fleet management systems, which often do not feature the hydraulic part and the power electronics for pump control.

CUBE MC PRESET can therefore be easily connected to an external electronic system and be enabled for dispensing to switch the pump on or off. During dispensing, it sends calibrated pulses to the electronic system produced by the pulse meter fitted inside the dispenser.

By means of CUBE MC PRESET, it is also possible to carry out dispensing in pre-selection and connect up to a level switch to automatically switch off the pump in the event of low tank level.

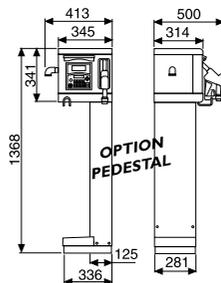
ZH. 01) 带预设功能的柴油加油机。本品是为了满足市场需求而设计的新产品，设备带有油泵、流量表和加油枪，兼备群组管理界面的简便连接的加油机。CUBE MC PRESET加油机可简便地与外部电子装置连接，来控制油泵的开启关闭。在加注期间，加油机内置流量表向外部电子装置发校准的脉冲信号。CUBE MC PRESET可实现预设加油量或由液位开关控制油泵的关闭，在油箱油量低时会开自动关闭油泵。

PERFORMANCE

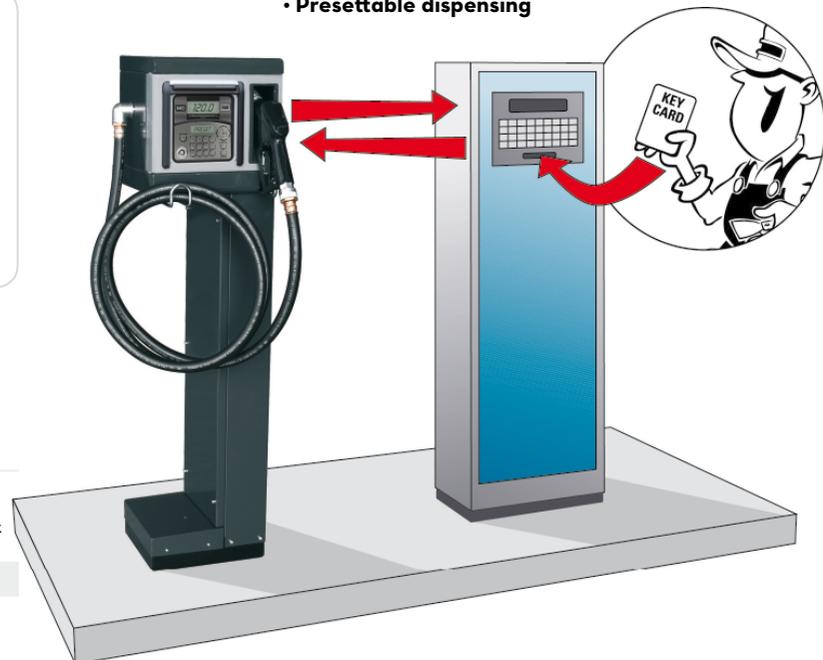
- Flow rate up to 70 l/min
- Accuracy: +/- 0.5 %
- Continuous AC operation.
- Noise level below 75 dB
- IP55 protection

- 流量达70公升/分钟
- 计量精度: +/- 0.5 %
- 交流电机可连续工作
- 噪音低于75 dB
- 防护等级IP55

DIMENSIONS



- Pulse output available
- Presettable dispensing



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0059500A	26	57	400x400x460	15,7x15,7x18,1	1

Flow-rate
up to
70 l/min
(up to 18 gpm)

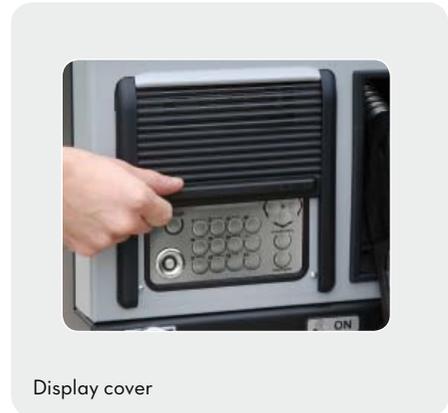
Accuracy
+/-
0,5%



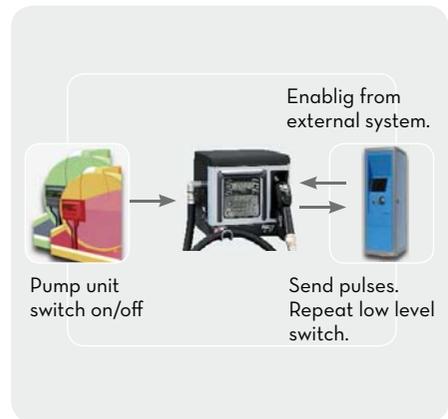
DISPENSERS



Cube MC PRESET
with pedestal (optional)
Code F1270800B



Display cover



PUMPS

METERS

NOZZLE METERS

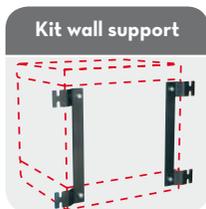
NOZZLE

SPECIAL EQUIPMENTS

ON REQUEST



Kit composed by 10 user yellow key
Code R15904000



Code R12737000



Code R12738000 (Key lock not included)



Code R08930000



Code R17163000



with integrated valve
Code F1270800B

FLUID MONITORING

ACCESSORIES

FILTERING

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump mod.	Meter mod.	Nozzle type	Filter H ₂ O filter	Inlet BSP	Hose		PC connection
			l/min	gpm	AC V/Hz	DC Volt	Power Watt						Amp. max.	length	
F0059500A	Cube 70 MC preset with pulse out	D	70	18	230/50	900	4,2	Panth 72	K600	Aut.	NO	1"	4 m	1"	YES

Upon request it is available with different voltages and 60 Hz frequency

FLUID MONITORING SELFSERVICE DESK



EN. Software can be used with all Piusi products equipped with PC data interfaces (Cube MC, SelfService MC and FM, MC-BOX).

The software arranges dispensing data for analysis and print out.

Data can be sent direct to a PC via cable (A) via LAN (C), via WIFI (D) or via an electronic key with memory and a key reader for connecting to PC (B).

ZH. 可用于所有派优士产品的软件备有PC(Cube MC、SelfService MC和FM、MC-BOX)连接功能。负责处理加注数据的软件可进行分析 and 打印。

数据可通过以下方式导出到个人计算机上:

电线(A)、LAN(C)、WIFI(D)或通过电子钥匙和钥匙阅读器连接到PC(B)上。



A



PC interface PW 14
Code **F127100OC**

Composed by
1 USB converter PW 14
+ CD with Software
to install on PC

B



Kit Key with USB plug
Code **F1414404O**

Composed by:
1 Manager red key
+ 10 User yellow keys
+ Key reader to transfer
data to PC + CD with PC
Software.

C



PW-LAN
Code **F1271005O**

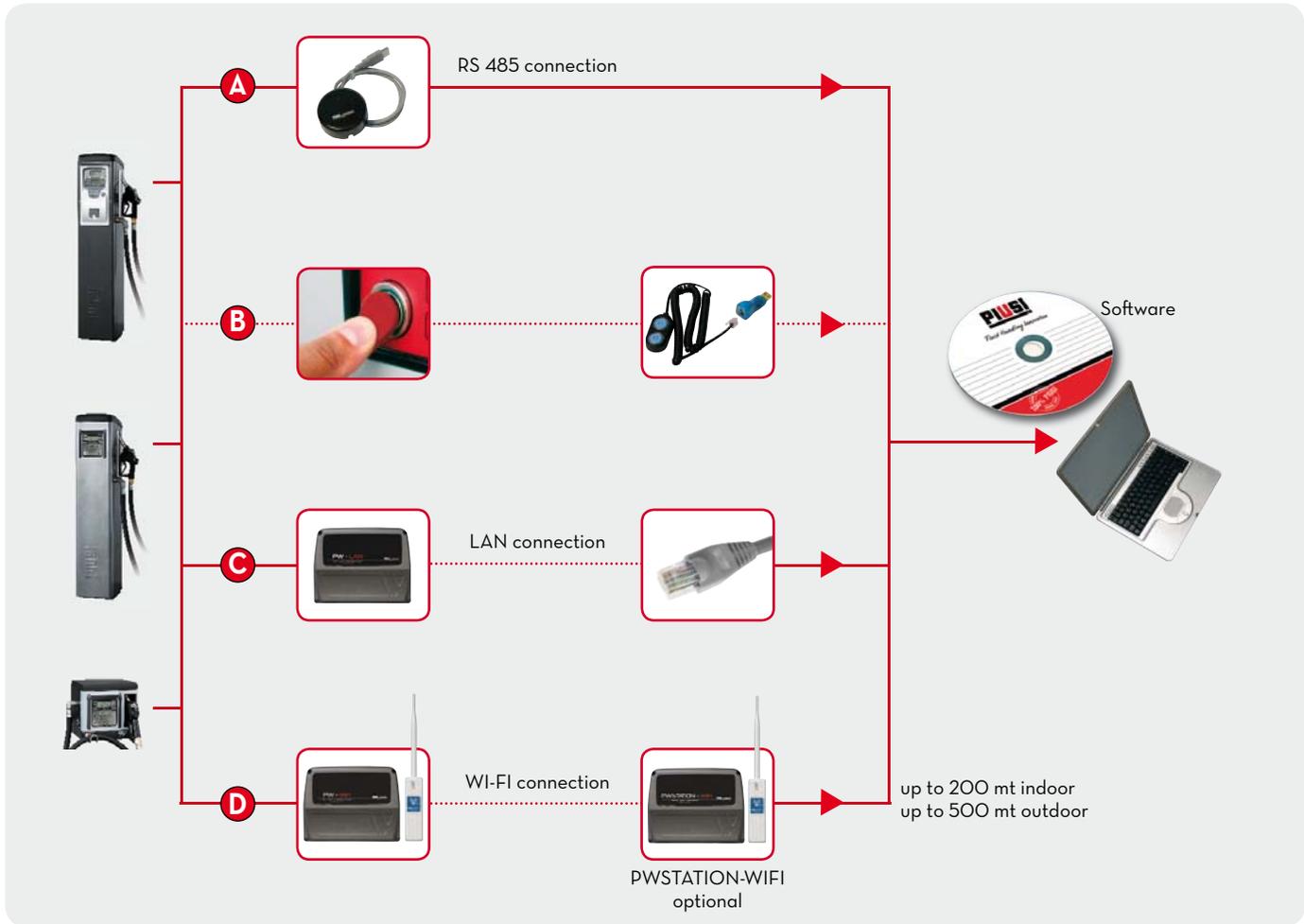
Composed by
1 PW-LAN
+ CD with Software
to install on PC

D



PW-WIFI
Code **F1271004O**

Composed by:
1 PW-WIFI + CD with PC
Software.



ON REQUEST



Code F12710090
An hot spot and repeater in case of long distance



Code R12496000
Composed by 1 Manager red key



Code R15904000
Composed by 10 User yellow key



Composed by 1 black key



Code F13292000

Code	Language
F1482000A	Czech
F1481800A	Danish
F1390700A	Français
F15358000	English
F1388200A	Italian
F1398500A	Norwegian
F1390800A	Dutch/flemish
F1400000A	Portuguese
F15489000	Rumanian
F1494100A	Slovenian
F1396800A	Espanol
F1422000A	Swedish
F1388300A	Deutsch
F15375000	Magyar

C FLUID MONITORING COMMUNICATION KIT

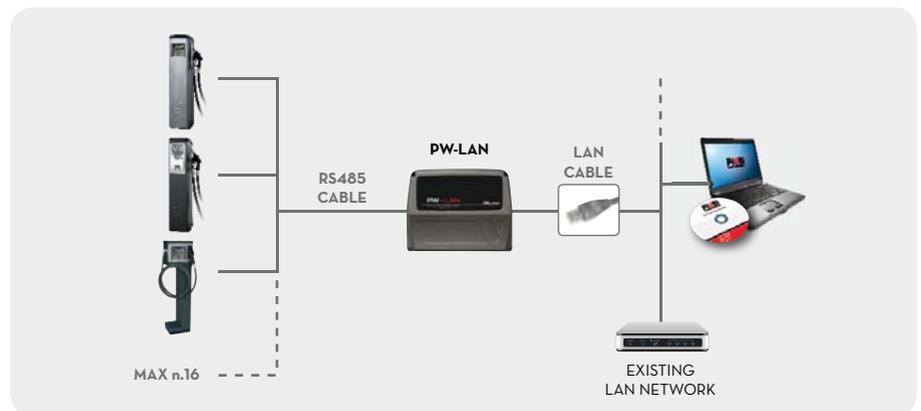
NEW



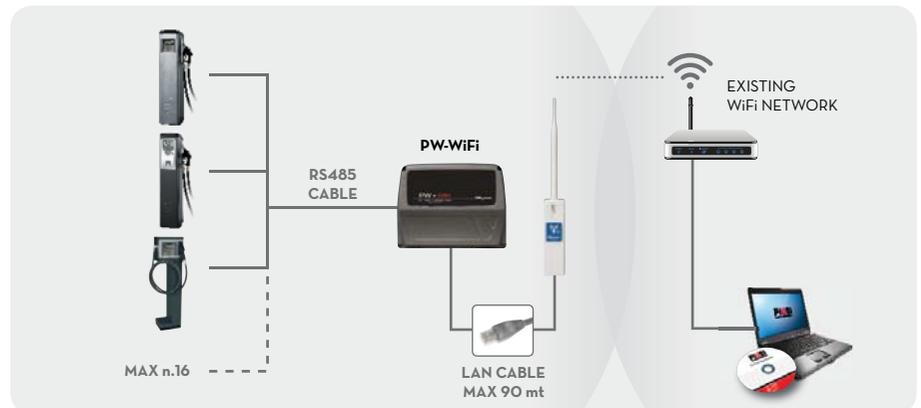
EN. PW-LAN, PW-WiFi and PWStation-WiFi are the new solutions that allow Piusi devices to be connected to a LAN or WiFi network. Piusi devices are recognized as IP addresses that can be accessed on a company intranet. The new Wi-Fi and LAN networks expand the possibilities of allowing products to talk to Piusi software, exceeding the limits imposed by RS485 connections. Piusi products can be connected to the software applications easily and in a functional manner, solving the problems associated with long distances.

ZH. PW-LAN、PW-WiFi和PWStation-WiFi是可把派优加油机连接到LAN或WIFI上的新方案。派优士加油机按照企业网内的IP地址被识别出来。新的Wi-Fi和LAN连接可使产品与派优士软件之间通讯的可能得到扩大，超越了RS485连接的限制。派优士产品可简便地连接到软件上，从而解决了远距离传送的问题。

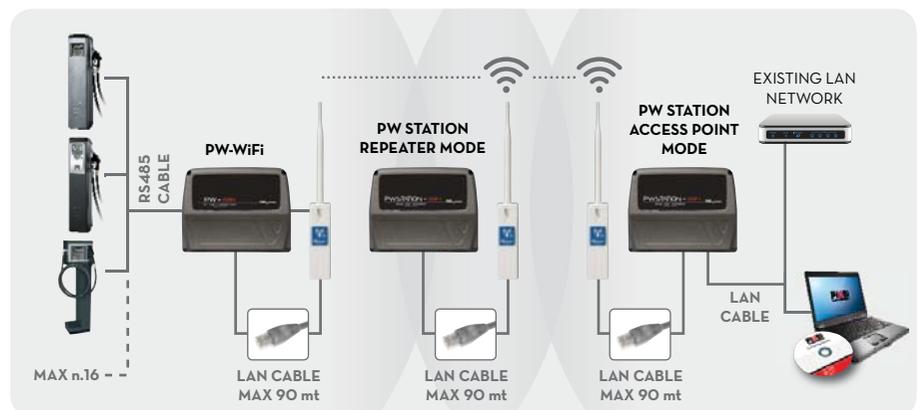
PW-LAN



PW-WiFi



PWStation-WiFi



PW-LAN


EN. PW-LAN is a new solution that makes it possible to connect several different Piusi products to a LAN network. PW-LAN is an advanced device with several different methods of converting an RS485 signal into an Ethernet signal by means of a simple and intuitive interface. PW-LAN offers:

- Instant conversion of an RS485 signal to Ethernet
- IP fallback function
- Compatibility with all DHCP servers
- 100% compatibility with all Piusi software applications.

PW-LAN supports the following Piusi products: Self Service FM, Self Service MC, Cube MC, MC-BOX, MCO.

ZH. PW-LAN是可把不同的派优士装置连接到LAN上的新方案。PW-LAN是一台通过一个简单和直观的界面把RS485型号转换成以太网型号的高级装置。PW-LAN可提供:

- RS485信号实时转换成以太网信号
- IP Fallback功能
- 与所有DCHP服务器的兼容性
- 与派优士软件100%的兼容性。

PW-LAN支持以下的派优士产品: Self Service FM、Self Service MC、Cube MC、MC-BOX、MCO。

PW-WiFi


EN. PW-WiFi is composed of two different devices:

- an electronic card that converts an RS485 into an Ethernet signal.
- a WiFi module/antenna that makes it possible to connect the LAN card to an existing WiFi network. PW-WiFi offers:

- Instant conversion of an RS485 signal to Wi-Fi
- IP fallback function
- Compatibility with all DHCP servers
- 100% compatibility with all Piusi software applications.

PW-WiFi supports the following Piusi products: OCIO, Self Service FM, Self Service MC, Cube MC, MC-BOX, MCO.

ZH. PW-WiFi由两个不同的装置组成:

- 一块电子插件板, 作用是把RS485信号转换成以太网信号。
- 一个WiFi模块/天线, 作用是把LAN板连接到现有的WiFi网络。

PW-WiFi可提供:

- RS485信号实时转换成Wi-Fi信号
- IP Fallback功能
- 与所有DCHP服务器的兼容性
- 与派优士软件100%的兼容性。

PW-WiFi支持以下的派优士产品: OCIO、Self Service FM、Self Service MC、Cube MC、MC-BOX、MCO。

PWStation-WiFi


EN. Piusi proposes the PWStation-WiFi device, which makes it possible to create a WiFi network, if otherwise unavailable. The device is an access point that is compatible with all commercially available routers. PWStation-WiFi provides the facility to:

- create a WiFi network.
- increase the signal coverage using several PWStation-WiFi devices.

ZH. 派优士公司提供的PWStation-WiFi装置可创建WiFi网络(如没有现成的话)。该装置是一个兼容所有市面有售的路由器的无线接入点。PWStation-WiFi可实现:

- wifi网络的创建。
- 利用不同的PWStation-WiFi装置来增大信号覆盖面

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Device	Included software
F12710050	KIT PW-LAN SELF SERVICE DESK	PW-LAN	SELF SERVICE DESK
F12710040	KIT PW-WIFI SELF SERVICE DESK	PW-WiFi	SELF SERVICE DESK
F12710090	PWSTATION-WIFI	PWStation-WiFi	-
F00755SB0	KIT PW-WIFI OCIO DESK SINGLE TANK	PW-WiFi	OCIO DESK SINGLE TANK
F12710100	KIT PW-LAN PC INTERFACE SOFTWARE MCO-OCIO	PW-LAN	PC INTERFACE SOFTWARE MCO-OCIO
F12710110	KIT PW-WIFI PC INTERFACE SOFTWARE MCO-OCIO	PW-WiFi	PC INTERFACE SOFTWARE MCO-OCIO

ST DISPENSERS



EN. Diesel transfer station. Easy to install, versatile and compact these stations can be used to fill mobile tanks or interact with distribution units. Fitted with check valve, filter and nozzle support, they are also supplied with a 4 metre delivery hose (6 metres available on request) and can be integrated with a protective metal components box and water separating filter.

A complete range of accessories required for carrying out installation is also available.

ZH. 柴油加油机。
安装简便、用途广泛和体积小巧，可为移动油罐或地埋式油罐的加油。
配备带有过滤网的底阀和枪座。加油管全长4米(选配可为6米)。

可装备部件金属保护箱和带油水分离功能的过滤器。此外，可提供完成安装所需的所有附件。

PERFORMANCE

- Flow rate up to 90 l/min
- AC and DC versions available
- Noise level below 75 dB

- 流量达90公升/分钟
- 有交流和直流型可选
- 噪音低于75 dB

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
000266P00	16	35	357x357x275	14,1x14,1x10,8	1
000286P00	16	35	357x357x275	14,1x14,1x10,8	1
000214000	21	46	357x357x275	14,1x14,1x10,8	1
000244000	21	46	357x357x275	14,2x14,2x11,8	1
000216000	23	50	480x370x265	18,9x14,6x10,4	1
000252000	23	50	480x370x265	18,9x14,6x10,4	1
000248000	20	44	357x357x275	14,1x14,1x10,8	1
F0021000B	10	22	357x357x275	14,1x14,1x10,8	1
F0021100B	10	22	357x357x275	14,1x14,1x10,8	1
F00340080	19	42	357x357x275	14,1x14,1x10,8	1



Flow-rate

up to
90 l/min
(up to 24 gpm)



ST



ON REQUEST

Manual nozzle



Automatic nozzle



ON REQUEST

AC pump Panther 56



AC pump E 80



AC pump E 120



AC pump Viscomat 70



DC pump Bypass 3000



DC pump Panther DC



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Meter mod.	Nozzle type	Filter H ₂ O filter	Inlet BSP	Hose	
			l/min	gpm	AC V/Hz DC Volt	Power Watt	Amp. max.					length	Ø
000266P00	ST Panther 56	D	56	15	230/50	600	3	NO	Man.	NO	1"	4 m	3/4"
000286P00	ST Panther 56 A60	D	56	15	230/50	600	3	NO	Aut.	NO	1"	4 m	3/4"
000214000	ST E 80	D	80	21	230/50	700	3,5	NO	Man.	NO	1"	4 m	1"
000244000	ST E 80 A80	D	75	20	230/50	700	3,5	NO	Aut.	NO	1"	4 m	1"
000216000	ST E 120	D	90	24	230/50	1150	5,7	NO	Man.	NO	1"	4 m	1"
000252000	ST E 120 A120	D	90	24	230/50	1150	5,7	NO	Aut.	NO	1"	4 m	1"
000248000	ST Viscomat 70 (Rapsoil)	B	30	8	230/50	950	4,6	NO	Man.	NO	1"	4 m	1"
F0021000B	ST ByPass 3000 12V	D	42	11	12	260	22	NO	Man.	NO	1"	4 m	3/4"
F0021100B	ST ByPass 3000 24V	D	42	11	24	300	12	NO	Man.	NO	1"	4 m	3/4"
F00340080	ST Panther DC 12 V	D	56	15	12	420	35	NO	Man.	NO	1"	4 m	3/4"

The units can also be supplied for operating under different voltages and without meter.

ST DISPENSERS WITH METER



EN. Diesel transfer station for non commercial use. Easy to install, versatile and compact these stations can be used to fill mobile tanks or interact with distribution units. Fitted with check valve, filter and nozzle support, they are also supplied with a 4 metre delivery hose (6 metres available on request) and can be integrated with a protective metal components box and water separating filter.

ZH. 小型柴油加油机。
安装简便、用途广泛和体积紧凑，适用于给移动油罐或地理式油罐的加油。
配备带有过滤网的底阀和枪座。加注管道全长4米(选配可为6米)。

可装备部件金属保护箱和油水分离过滤器。
此外，可提供完成安装所需的所有附件。

A complete range of accessories required for carrying out installation is also available.

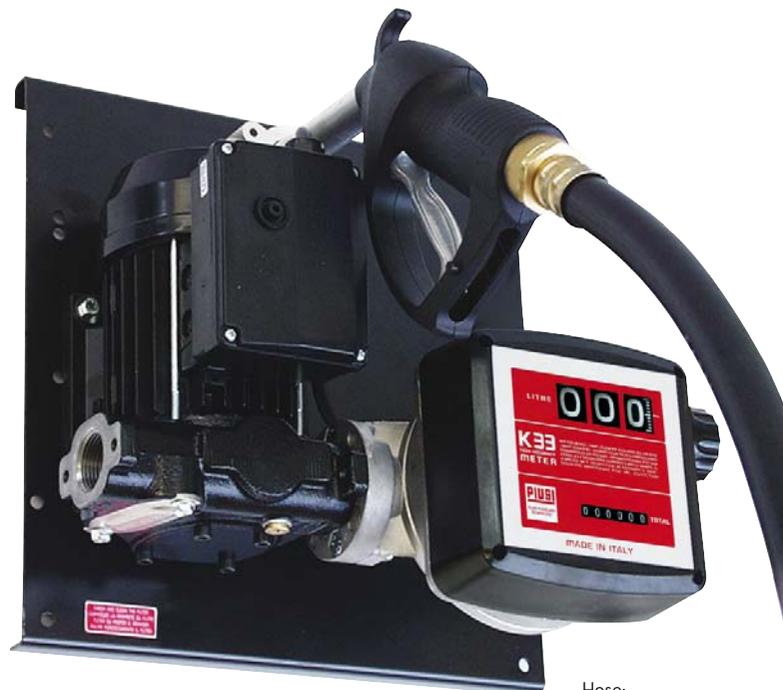
PERFORMANCE

- Flow rate up to 90 l/min
- Accuracy: +/- 1%
- AC and DC versions available
- Noise level below 75 dB

- 流量达90公升/分钟
- 计量精度: +/- 1%
- 备有交流和直流型
- 噪音低于75 dB

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code without metal box	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00385P0A	16	35	357x357x275	14,1x14,1x10,8	1
F00287P0A	16	35	357x357x275	14,1x14,1x10,8	1
000390000	21	46	357x357x275	14,1x14,1x10,8	1
000392000	23	50	357x357x275	14,1x14,1x10,8	1
000395000	23	50	480x370x265	18,9x14,6x10,4	1
000397000	20	44	480x370x265	18,9x14,6x10,4	1
000256000	10	22	357x357x275	14,1x14,1x10,8	1
F0023500B	13	29	357x357x275	14,1x14,1x10,8	1
F0023600B	13	29	357x357x275	14,1x14,1x10,8	1
F0023300B	14	31	357x357x275	14,1x14,1x10,8	1
F0023400B	14	31	357x357x275	14,1x14,1x10,8	1
F0024000A	24	53	480x370x265	18,9x14,6x10,4	1
F0024100A	24	53	480x370x265	18,9x14,6x10,4	1
F00340070	17	37	357x357x275	14,1x14,1x10,8	1



Hose:
- length 4 m
- Ø 1"

Flow-rate
up to
90 l/min
(up to 24 gpm)

Accuracy
+/-
1%



PIUSI



ST Panther 56 K33



Metal box (565x308x582)
Code: 00933100A

ON REQUEST



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code without metal box	Code with metal box	Description	Fluids type	Flow-rate		Voltage			Meter mod.	Nozzle type	Filter H ₂ O filter	Inlet BSP
				l/min	gpm	AC V/Hz DC Volt	Power Watt	Amp. max.				
F00385POA	-	ST Panther 56 K33	D	56	15	230/50	600	3	K33	Man.	NO	3/4"
F00287POA	F00365POA	ST Panther 56 K33 A60	D	56	15	230/50	600	3	K33	Aut.	NO	3/4"
000390000	-	ST E 80 K33	D	80	21	230/50	700	3,5	K33	Man.	NO	1"
000392000	00036700B	ST E 80 K33 A80	D	75	20	230/50	700	3,5	K33	Aut.	NO	1"
000395000	-	ST E 120 K33	D	90	24	230/50	1150	5,7	K33	Man.	NO	1"
000397000	00036900B	ST E 120 K33 A120	D	90	24	230/50	1150	5,7	K33	Aut.	NO	1"
000256000	-	ST Viscomat 70 K33 (Rapsol)	B	30	8	230/50	950	4,6	K33	Man.	NO	1"
-	F00265020	ST Viscomat 90 K600 (Rapsol)	B	65	17	230/50	1600	7,8	K33	Man.	NO	1"
F0023500B	-	ST ByPass 3000/12V K33	D	40	10	12	260	22	K33	Man.	NO	3/4"
F0023600B	-	ST ByPass 3000 inline 24V K33	D	40	10	24	300	12	K33	Man.	NO	3/4"
F0023300B	-	ST ByPass 3000/12V K33 A60	D	35	9	12	260	22	K33	Aut.	NO	3/4"
F0023400B	-	ST ByPass 3000 inline 24V K33 A60	D	35	9	24	300	12	K33	Aut.	NO	3/4"
F0024000A	-	ST Bipump 12V K33 Self 3000	D	80	21	12	530	44	K33	Man.	NO	1"
F0024100A	-	ST Bipump 24V K33 Self 3000	D	80	21	24	540	22,5	K33	Man.	NO	1"
-	F0039900A	ST Bipump 12V K33 A120 (Rapsol)	B	80	21	12	530	44	K33	Aut.	NO	1"
F00340070	-	ST Panther 12V K33 A60	D	56	15	12	420	35	K33	Aut.	NO	3/4"

The units can also be supplied for operating under different voltages and without meter.

ST DISPENSERS WITH METER + FILTER



EN. Diesel transfer station for non commercial use. Easy to install, versatile and compact these stations can be used to fill mobile tanks or interact with distribution units. Fitted with check valve, filter and nozzle support, they are also supplied with a 4 metre delivery hose (6 metres available on request) and can be integrated with a protective metal components box and water separating filter.

ZH. 小型柴油加油机。
安装简便、用途广泛和体积小，适用给移动油罐或地理式油罐加油。
配备带有过滤网的底阀和枪座。加注管道全长4米(选配可为6米)。

可装备部件金属保护箱和带油水分离功能的过滤器。此外，可提供完成安装所需的所有附件。

A complete range of accessories required for carrying out installation is also available.

PERFORMANCE

- Flow rate up to 85 l/min
- Accuracy: +/- 1%
- Continuous AC operation.
- Noise level below 75 dB

- 流量达85公升/分钟
- 计量精度: +/- 1%
- 交流电连续运作
- 噪音低于75 dB

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
With suction hose					
F00386F0A	25	55	580x380x320	22,8x15x12,6	1
F00265F3A	25	55	580x380x320	22,8x15x12,6	1
F00265F0A	26	57	580x380x320	22,8x15x12,6	1
F00395F0A	32	71	545x435x340	21,5x17,1x13,4	1
Without suction hose					
F00386F60	22	48	380x380x480	15x15x18,9	1
F00386R70	22	48	380x380x480	15x15x18,9	1
F00265F40	26	57	580x380x320	22,8x15x12,6	1
F00395F60	32	71	545x435x340	21,5x17,1x13,4	1
F00265S20	18	40	480x370x260	18,9x14,6x10,2	1
F00265R70	18	40	480x370x260	18,9x14,6x10,2	1



Flow-rate

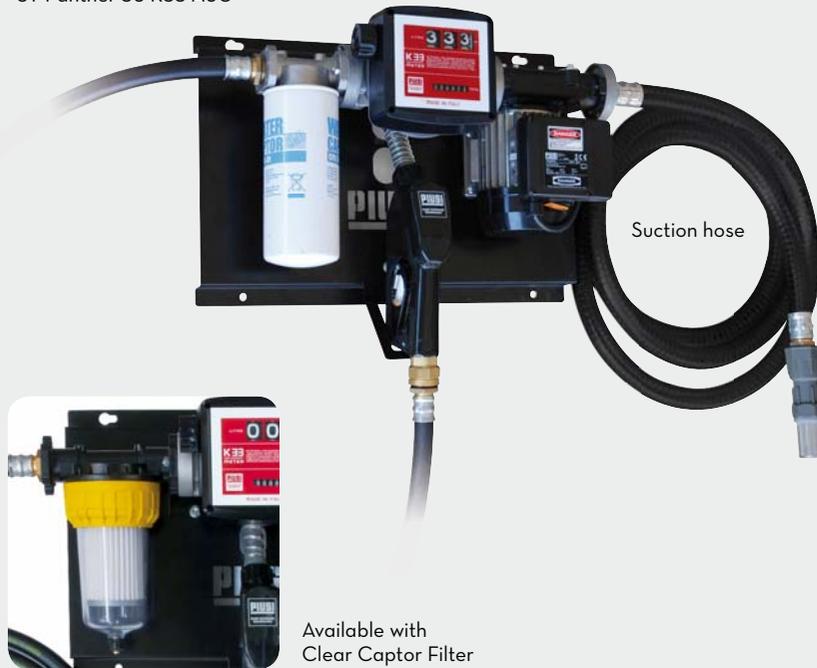
up to
85 l/min
(up to 22 gpm)

Accuracy

+/-
1%



ST Panther 56 K33 A60



Suction hose



ST Panther72 Filter + K24 meter

Available with
Clear Captor Filter

FEATURES

AVAILABLE WITH

Water captor



Meter K33



Automatic nozzle



Meter K24 AL



AC pump Panther 56 or 70



AC pump E 120



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Meter mod.	Nozzle type	Filter H ₂ O filter	Inlet BSP	Hose		
			l/ min	gpm	AC V./Hz DC Volt	Power Watt	Amp. max.					length	Ø	Suction hose
With suction hose														
F00386F0A	ST Panther 56 Filter + A60	D	52	14	230/50	600	3	K33	Aut.	YES	1"	6 m	3/4"	4 m
F00265F3A	ST Panther72+Clear Captor+A60	D	52	14	230/50	600	3	K33	Aut.	YES	1"	6 m	3/4"	4 m
F00265F0A	ST Panther72 Filter + A60	D	70	18	230/50	850	4,2	K33	Aut.	YES	1"	6 m	3/4"	4 m
F00395F0A	ST E120 Filter + A120	D	85	22	230/50	1150	5,7	K33	Aut.	YES	1"	6 m	1"	4 m
Without suction hose														
F00386F60	ST Panther56 Filter + A60	D	52	14	230/50	600	3	K33	Aut.	YES	1"	6 m	3/4"	-
F00386R70	ST Panther56+Clear Captor+A60	D	52	14	230/50	600	3	K33	Aut.	YES	1"	6 m	3/4"	-
F00265F40	ST Panther72 Filter + A60	D	70	18	230/50	850	4,2	K33	Aut.	YES	1"	6 m	3/4"	-
F00395F60	ST E120 Filter + A120	D	85	22	230/50	1150	5,7	K33	Aut.	YES	1"	6 m	1"	-
F00265S20	ST Panther72 Filter + K24 meter	D	70	18	230/50	850	4,2	K24	Aut.	YES	1"	6 m	3/4"	-
F00265R70	ST Panther72+Clear Captor+A80	D	70	18	230/50	850	4,2	K24	Aut.	YES	1"	6 m	3/4"	-

The units can also be supplied for operating under different voltages and without meter.

S DISPENSERS T BOX



EN. A filling station complete with pump, flow meter and filter, with metal protection box featuring lock. The unit is complete with antistatic hose for diesel fuel and automatic dispensing nozzle.

The Pro version features an electronic access control box (Access 85) complete with emergency mushroom-shaped button and nozzle holder with automatic switch for turning off the pump.

Thanks to Access 85 user access can be managed by means of a personal user key and a level probe can be connected to stop dispensing in case of low level in tank. Featuring a protection timer that switches the pump off after 10 minutes. The Pro version is supplied with 4 user keys, already configured.

ZH. 加油机包括有油泵、计量器和过滤器，以及带锁的金属箱。组件包括防静电油管 and 自动加油枪。

加强型配备使用控制的电子控制盒 (Access 85)，带有紧急按钮和连油泵关闭自动开关的枪座。

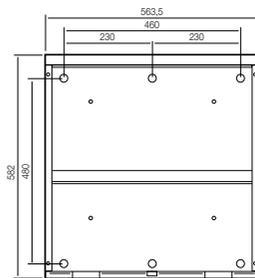
通过Access 85可用户钥匙进行管理操作，并连接一个液位计，在油罐液位低时停机。配备一个在10分钟后自动关闭油泵的定时器。Pro加强型随机配送4条用户钥匙。

PERFORMANCE

- Flow rate up to 85 l/min
- Accuracy: +/- 1%
- Continuous AC operation.
- Noise level below 75 dB

- 流量达85公升/分钟
- 计量精度: +/- 1%
- 交流电连续运作
- 噪音低于75 dB

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Without Access 85					
F00365020	36	79	575x320x607	22,6x12,6x23,9	1
F00365050	50	110	590x340x720	23,2x13,4x28,3	1
With Access 85					
F00365010	40	88	575x320x607	22,6x12,6x23,9	1



Flow-rate
up to
85 l/min
(up to 22 gpm)

Accuracy
+/-
1%



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



ST BOX Basic



ST BOX Pro



Fittings:

- 1 - Filter (head + cartridge)
- 2 - K33 flow meter
- 3 - Pump
- 4 - Automatic nozzle
- 5 - Swivel connection (*)
- 6 - Nozzle holder with switch(*)
- 7 - Access 85 (*)
- 8 - 4 user keys (*)
- 9 - 1 manager key (*)

(*) PRO version only

FEATURES

ON REQUEST

Water captor



Code F00611A00
70 l/min
2 cartridge

Access 85 Electronic unit



A - Functional led
B - Emergency button
C - Key reader
After 10 min the pump stops.

Level control



Code F17121000

Manager key



Cod. R12496000
Composed by
1 manager red key

User key



Cod. R15904000
Composed by
10 user yellow key

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump mod.	Meter mod.	Nozzle type	Filter H ₂ O filter	Inlet BSP	Hose	
			l/min	gpm	AC V/Hz	DC Volt	Power Watt						Amp. max.	length
Without Access 85														
F00365020	ST BOX Panther 56 Basic	D	56	15	230/50	600	3	Panther 56	K33	Aut.	YES	1"	6 m	1"
F00365050	ST BOX E120 Basic	D	85	22	230/50	1150	5,7	E 120	K33	Aut.	YES	1"	8 m	1"
With Access 85														
F00365010	ST BOX Panther 72 Pro	D	72	19	230/50	850	4,2	Panther 72	K33	Aut.	YES	1"	6 m	1"

Upon request it is available with different voltages and 60 Hz frequency

S DISPENSERS T 200 DC



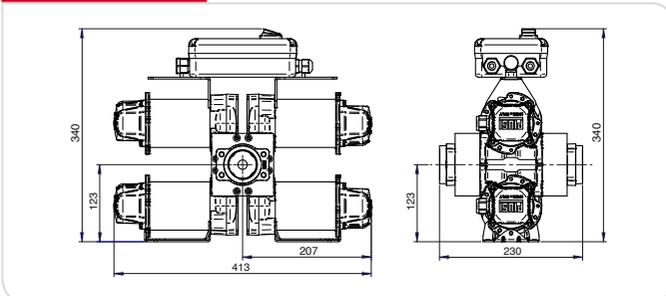
EN. High flow rate portable dispenser unit. ST 200 dispenses diesel fuel at a rate of up to 185 l/min and controls the flow with great precision (+/- 1%) thanks to the oval-gear flow meter (on request).

ZH. 便携式高流量加油泵组。ST 200 DC的流量可达185L/min，配椭圆齿轮流量计(选配)，计量精度(+/- 1%)。

PERFORMANCE

- Flow rate up to 185 l/min
 - Duty cycle 20 min ON / 40 min OFF
 - Power supply 24 V DC
- 流量达185公升/分钟
 - 工作循环为25分钟工作，12分钟休息。
 - 24 V直流供电

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00318000	18	40	480x370x265	18,9x14,6x10,4	1



Flow-rate

up to
185 l/min
(up to 48 gpm)



PIUSI[®]

DISPENSERS

PUMPS

METERS

NOZZLE METERS

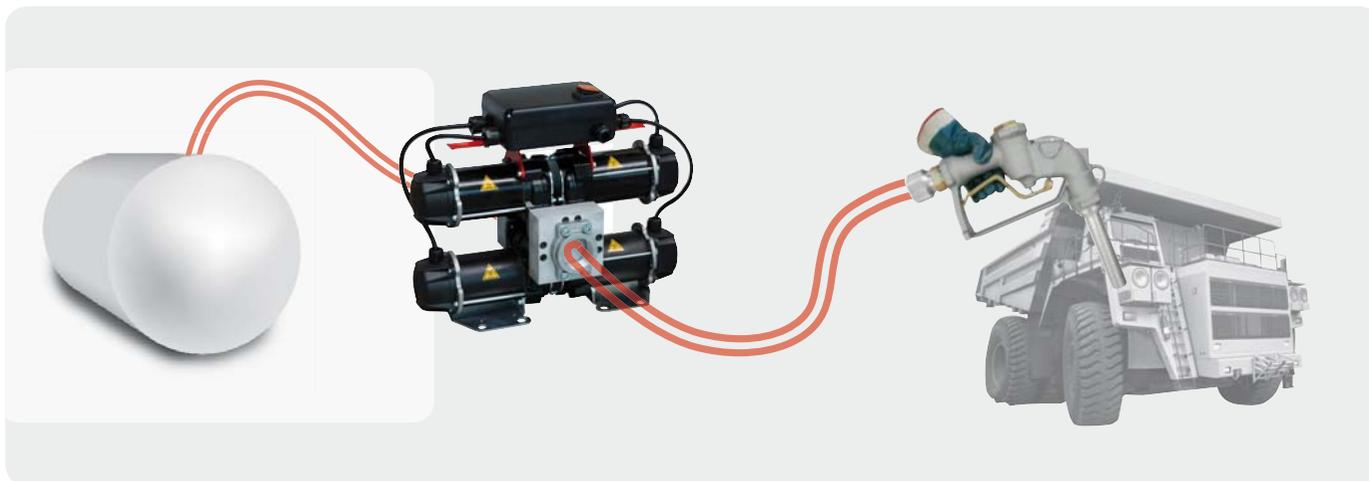
NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



FEATURES

Electric cable



Electric cables with clamps (4 mt)

On/off switch



ON REQUEST

Meter K700 M



Flow rate:
20 -220 l/min
Accuracy: +/- 1%
Oval gear system
Code: FO0540000

Nozzle A280



Flow rate 280 l/min
with swivel
Code: F13249000

Hose Kit 1" 1/2



Code: F18798000
(hose 10 mt + Camlock)
Code: F18799000
(hose 20 mt + Camlock)

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Duty cycle min.	Pump		Max pressure bar	Inlet BSP
			l/min	gpm	AC V./Hz DC Volt	Power Watt	Amp. max.		mod.	no.		
F00318000	ST 200 DC 24 V	D	155-185	42 - 48	24	1200	50	30	Bypass 3000	4	2	1" 1/2

S DISPENSERS T 200 AC



EN. High flow rate portable dispenser unit. ST 200 dispenses diesel fuel at a rate of up to 200 l/min and controls the flow with great precision (+/- 1%) thanks to the oval-gear flow meter (on request).

The low weight of the unit and the possibility of fitting wheels make it easy to handle and suitable for operating on worksites on vehicles with large storage tanks. The unit features a sturdy steel frame.

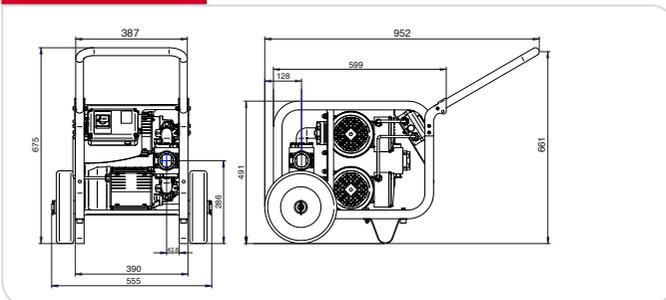
ZH. 便携式高流量加油机组。ST 200 DC可以185升/分钟的流量加注柴油，由于带有椭圆齿轮计量器(选配)，流量控制精确(+/- 1%)。

有限的重量及可安装轮子，令设备轻巧灵便，适合于在工地对带有巨型油箱的车辆进行加油。配备坚固的钢质支架。

PERFORMANCE

- Flow rate up to 200 l/min
- Continuous AC operation.
- Noise level below 75 dB
- 流量达200公升/分钟
- 交流电连续运作
- 噪音低于75 dB

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00315000	46	101	587x395x420	23,1x15,6x16,5	1
F16860000	-	-	-	-	-



Flow-rate
up to
200 l/min
(up to 52,7 gpm)



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



FEATURES



Electric cables length 6 mt



ON REQUEST



Flow rate: 20 -220 l/min
Accuracy: +/- 1%
Oval gear system
Code: FO0540000



Flow rate 280 l/min with swivel
Code: F13249000



Code: F18798000 (hose 10 mt + Camlock)
Code: F18799000 (hose 20 mt + Camlock)

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump		Max pressure bar	Inlet BSP
			l/min	gpm	AC V./Hz	Power Watt	Amp. max.	mod.	no.		
F00315000	ST 200 BASIC	D	200	52,7	230/50	2050	10	E 120	2	2,5	1" 1/2
F16860000	HANDY KIT (handle + wheels)	D	-	-	-	-	-	-	-	-	-

Upon request it is available with different voltages and 60 Hz frequency



DISPENSERS DRUM

EN. Diesel transfer unit for non commercial use. Easily connected to drums via a quick 2" coupling.

Fitted with a telescopic suction tube for direct connection to fuel drums and nozzle housing located above the drum, near the pump, for easy, clean operations.

Fitted with mechanical meters to ensure precise dispensing and control of single user consumption.

ZH. 小型柴油加油机。通过2" 油桶接口可快速连接油桶。

附带的可伸缩吸油管直接插入油桶中，油桶上贴近油泵的位置有加油枪座，使用简便和保持加油机洁净。

配有机械式流量计，可精确地进行加油及管理单个用户的耗用状况。

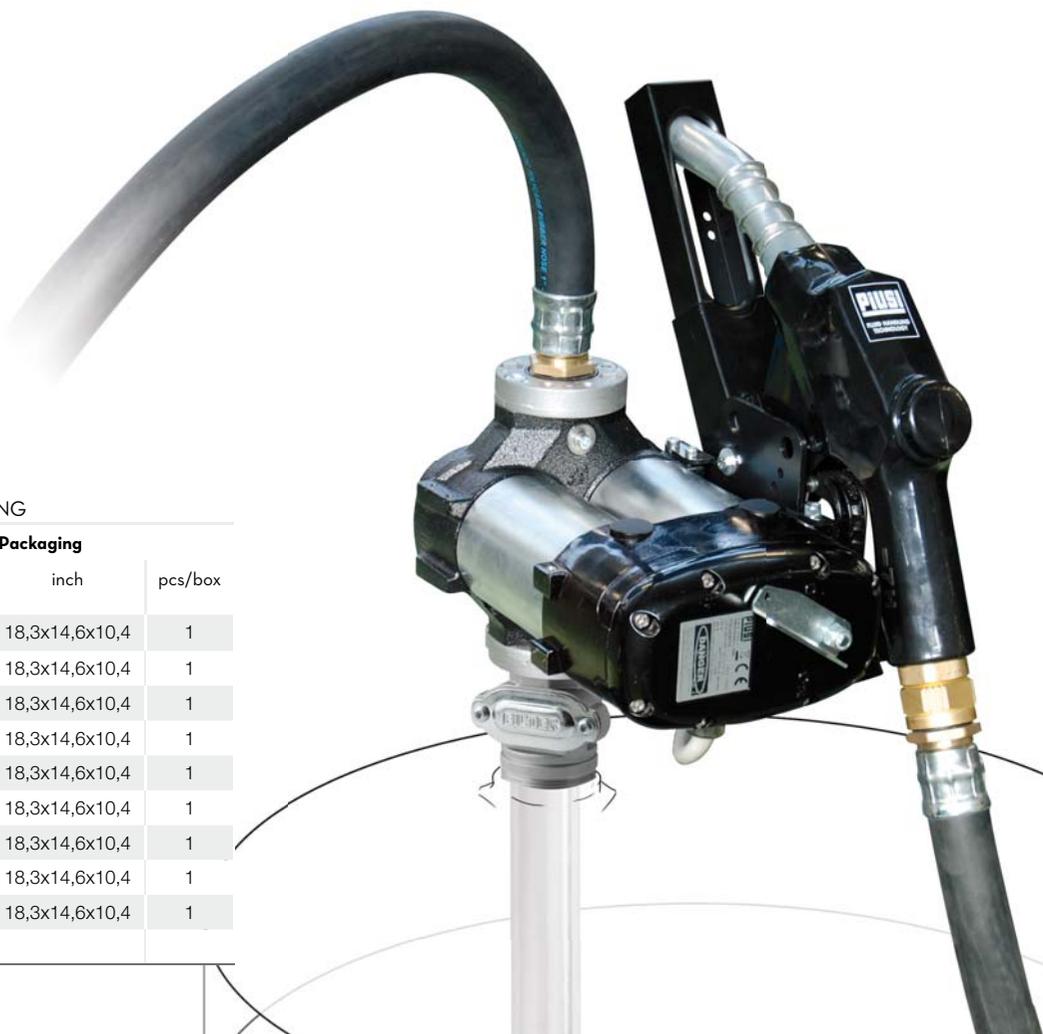
PERFORMANCE

- Flow rate up to 80 l/min
- AC and DC versions available
- Noise level below 75 dB
- Accuracy: +/- 1%

- 流量达80公升/分钟
- 备有交流和直流型
- 噪音低于75 dB
- 计量精度: +/- 1%

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code without meter	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
000271P00	13.5	29.8	480x370x265	18,3x14,6x10,4	1
000273P00	14.4	31.7	480x370x265	18,3x14,6x10,4	1
F0022201A	20.7	45.6	480x370x265	18,3x14,6x10,4	1
F0022202A	20.7	45.6	480x370x265	18,3x14,6x10,4	1
F0022203A	21.6	47.6	480x370x265	18,3x14,6x10,4	1
F0022204A	21.6	47.6	480x370x265	18,3x14,6x10,4	1
000270000	18.4	40.6	480x370x265	18,3x14,6x10,4	1
F0026100D	14.4	31.7	480x370x265	18,3x14,6x10,4	1
F00268000	15.9	35.1	480x370x265	18,3x14,6x10,4	1



ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Flow-rate

up to
80 l/min
(up to 21 gpm)

Accuracy

+/-
1%



DISPENSERS

PUMPS

METERS

NOZZLE METERS

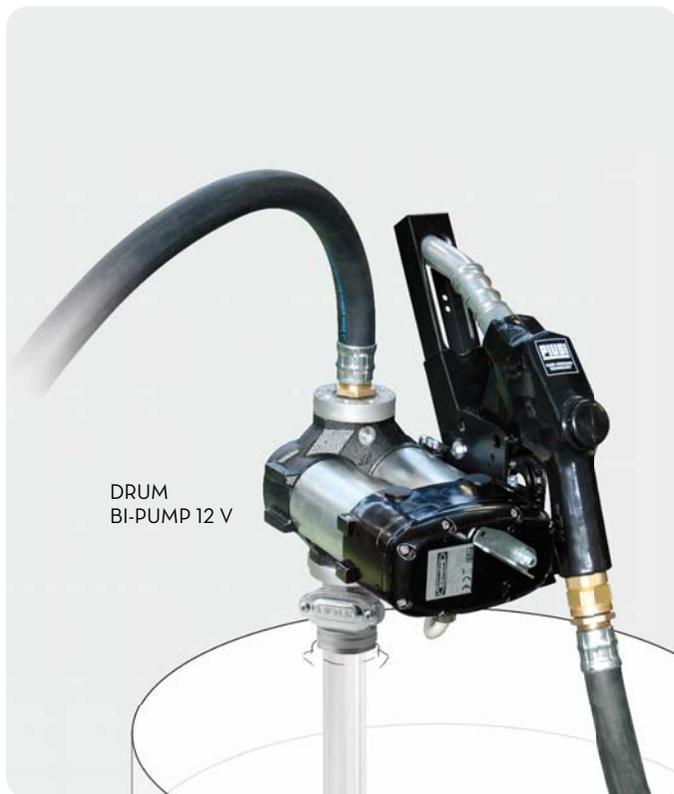
NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



DRUM BI-PUMP 12 V



DRUM PANTHER 56 K33

FEATURES

AVAILABLE WITH



Electric cable

Electric cables length 6 m with clamps



Meter K33



AC pump Panther 56



AC pump Viscomat 70 - 200



DC pump Bipump



DC pump Viscomat DC

PRODUCTS' RANGE TECHNICAL DATA

Code without meter	Code with meter	Description	Fluids type	Flow-rate		Voltage			Meter mod.	Nozzle type	Inlet BSP	Hose length
				l/min	gpm	AC V./Hz DC Volt	Power Watt	Amp. max.				
000271P00	000272P00	DRUM Panther 56	D	56	15	230/50	600	3	K33	M	3/4"	4 m
000273P00	000274P00	DRUM Panther 56 A60	D	56	15	230/50	600	3	K33	A	3/4"	4 m
F0022201A	F0022205A	DRUM BI-Pump 12 V.	D	80	21	12V	530	44	K33	M	1"	4 m
F0022202A	F0022206A	DRUM BI-Pump 24 V.	D	80	21	24V	540	22,5	K33	A	1"	4 m
F0022203A	F0022207A	DRUM BI-Pump 12 V. A120	D	80	21	12V	530	44	K33	A	1"	4 m
F0022204A	F0022208A	DRUM BI-Pump 24 V. A120	D	80	21	24V	540	22,5	K33	M	1"	4 m
000270000	000270010	DRUM Viscomat 70 M.	B O	28	7	230/50	950	4,6	K33	M	1"	4 m
F0026100D	-	DRUM Viscomat 200/2 M.	B O	9	2	230/50	800	3,8	K33	Easyoil	1"	4 m
F00268000	-	DRUM Viscomat DC 12V	B O	4	1	12V	220	18,5	K33	Easyoil	3/4"	4 m
-	F0034111C	DRUM Panther DC 24/12V	D	70/35	18/9	24/12V	600/200	25/16	K33	A	1"	4 m

The units can also be supplied for operating under different voltages and without meter.



DISPENSERS DRUM KIT

EN. Drum application. This assembly kit has been designed to work with the Battery Kit; together they form a practical diesel fuel transfer unit which can be completed with flow meter or filter.

ZH. 圆筒套件。此安装套件是与BatteryKit配合使用而研制的；它们一起形成一个柴油桶用加油单元，还可加配流量表和过滤器。

Solutions:

Drum Kit 3000

Drum kit base
+ Battery Kit 3000 12V or 24V



Drum Kit 3000 meter

Drum kit meter/filter
+ Battery Kit 3000 12V or 24V
+ Meter K33



Drum Kit 3000 filter

Drum kit meter/filter
+ Battery Kit 3000 12V or 24V
+ Filter



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F16586000	3	6,8	530x110x73	20,9x4,3x2,9	1
F16631000	3,8	8,4	530x110x73	20,9x4,3x2,9	1





- 1 - Extensible pipe 500 - 1000 mm I/O 1" BSP
- 2 - Drum connector
- 3 - 90° Flanged connector
- 4 - Nozzle holder (Code: R11806000)
- 5 - 90° elbow
- 6 - Hosetail



Drum Kit Base
Code F16586000



Drum Kit meter/filter
Code F16631000

PRODUCTS' RANGE

	Composition of the dispensers	Fluids type	Drum Kit Base Code F16586000	Drum Kit Meter/filter Code F16631000	Battery Kit 3000 12V Code F0022500C	Battery Kit 3000 24V Code F0022600C	Meter K33 Code 000551000	Filter Code F00611A00
	DRUM Kit 3000							
	DRUM Kit 3000 (12 V)	D	•		•			
	DRUM Kit 3000 (24 V)	D	•			•		
	DRUM Kit 3000 Meter							
	DRUM Kit 3000 METER (12 V)	D		•	•		•	
	DRUM Kit 3000 METER (24 V)	D		•		•	•	
	DRUM Kit 3000 Filter							
	DRUM Kit 3000 FILTER (12 V)	D		•	•			•
	DRUM Kit 3000 FILTER (24 V)	D		•		•		•



DISPENSERS PIUSI PITSTOP DC

EN. Dispenser unit with automatic hose reel; the 14 metres of hose with automatic nozzle allows dispensing up to 45 l/min with DC power supply.

The automatic hose reel, the two DC pumps and the automatic nozzle are integrated in a sturdy supporting structure. Easy to install, versatile, compact, necessary to complete mobile or fixed tanks.

ZH. 带卷盘的加油机；14米管道连带自动加油枪，流量可达45公升/分钟，直流供电。自动卷盘、两台直流油泵和自动加油枪均整合在一个结实的支架上。安装简便、使用灵活、体积紧凑，为移动或固定油罐加油的必备器械。

PIUSI PITSTOP DC consists of:

- 1 - Automatic hose reel.
- 2 - Side safety guards.
- 3 - Adjustable arms with end-of-travel hose stop.
- 4 - Diesel hose 3/4"-14 m (1" - 10 m).
- 5 - On/Off switch.
- 6 - Swivel.
- 7 - Automatic nozzle.
- 8 - DC pumps.
- 9 - Sturdy metal supporting structure.
- 10 - PIUSI filter of the water absorption cartridge type.

On request: fitting of PIUSI K24, digital turbine meter

Available in 80 l/min version with 10 metres of hose.

PIUSI PITSTOP DC的组成如下:

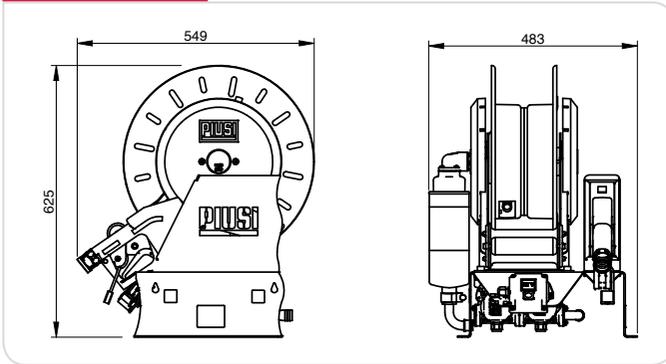
- 1 - 自动卷盘。
- 2 - 侧面安全护罩。
- 3 - 带有行程限位的可调臂。
- 4 - 柴油管3/4" -14 m (1" - 10 m)。
- 5 - On/Off开关。
- 6 - 回转接头。
- 7 - 自动加油枪。
- 8 - 直流泵。
- 9 - 坚固的金属支架。
- 10 - PIUSI派优士油水分离过滤器。

选配：用于PIUSI K 24数字式涡轮流量表。

备有80公升/分钟型，连10米管道。

**READY
TO INSTALL**

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		pcs/box
	kg	lbs	mm	inch	
F00212000	45	99	595x465x670	23,4x13,5x24,4	1
F00213000	45	99	595x465x670	23,4x13,5x24,4	1



Flow-rate
up to
45 l/min
(up to 15 gpm)

Hose
14 m



14 m hose



Built in DC pumps



Automatic nozzle

up to 45 l/min

PIUSI PITSTOP DC FUEL TRANSFER SYSTEM

FEATURES

ON REQUEST



Diesel hose

3/4"-14 m (1" - 10 m)



Water captor



Pad lock



On/Off switch



Adjustable arms

with end-of-travel hose stop.



K 24 meter

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump		Duty cycle min.	Nozzle type	Hose		Inlet	
			l/min	gpm	AC V./Hz DC Volt	Power Watt	Amp. max.	mod.	no.			length	Ø	Ø	
F00212000	PIUSI PITSTOP DC 12V	D	45	11,9	12	400	33	BP 3000	2	30	Aut.	14 m	3/4"	1"	
F00213000	PIUSI PITSTOP DC 24V	D	45	11,9	24	620	26	BP 3000	2	30	Aut.	14 m	3/4"	1"	



DISPENSERS PIUSIBOX

EN. Quite often the hard environmental conditions can potentially threaten the re-fuelling operation o OTR equipment and vehicles.
PIUSIBOX project is the answer to the need of re-fuelling quickly and safety in almost place.

An important support for the reliability and long last life of your equipment.

Technical specifications:
A powerful and reliable self-priming transfer pump capable of delivering 45 l/min, complete with cables and switch.
Delivery hose and pump nozzle.
Suction hose with foot valve.

ZH. 对于土方机械和设备的加油操作，常常会受到施工现场环境条件的威胁。
PIUSI BOX是满足任何场地进行快速安全的加油作业的解决方案。

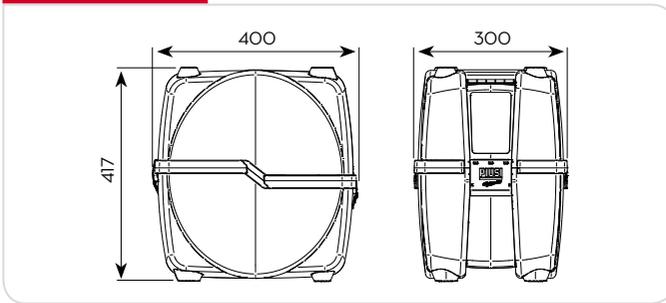
这对于延长机械设备的使用寿命和可靠性具有很有帮助。

技术规格：加油流量可达45L/min，带有电线和开关。出油软管和加油枪。吸油软管连带滤网底阀。

PERFORMANCE

- Flow rate up to 45 l/min
- 12-24 V DC operation
- Duty cycle 30 min.
- 流量达45公升/分钟
- 12 - 24 V 直流供电
- 最长连续工作时间30分钟

DIMENSIONS



REGISTERED
DESIGN

PATENT
PENDING

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0023100A	9,5	20,9	400x300x420	15,7x11,8x16,5	1
F0023101A	12	26,5	400x300x420	15,7x11,8x16,5	1
F0023200A	9,5	20,9	400x300x420	15,7x11,8x16,5	1
F0023201A	12	26,5	400x300x420	15,7x11,8x16,5	1



Flow-rate

up to
45 l/min
(up to 11,9 gpm)

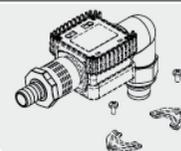


PIUSIBOX PRO



ON REQUEST

K24 KIT



Code R17256000
Assembly Kit for K24
PiusiBox

**Cartridge
(only Piusi Pro)**



Code F16483010
15 pcs / box

FEATURES

Flexible hose



4 m (PIUSI BASIC)
6 m (PIUSI PRO)

**Filter + cartridge
(only Piusi Pro)**



On/Off switch



Foot valve



Vantage model

**Gloves
(only PIUSI PRO)**



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids	Flow-rate		Voltage			Pump	Duty cycle	Filter	Cartridge	Nozzle	Flexible hose	Foot valve	Gloves
		type	l/min	gpm	AC V/Hz	DC Volt	Power Watt	Amp. max.	mod.						
F0023100A	PIUSIBOX 12V BASIC	D	45	11,9	12	260	22	BP 3000	30	NO	NO	Man.	4 m.	YES	NO
F0023101A	PIUSIBOX 12V PRO	D	43	11,7	12	260	22	BP 3000	30	YES	10 µm	Man.	6 m	YES	YES
F0023200A	PIUSIBOX 24V BASIC	D	45	11,9	24	310	13	BP 3000	30	NO	NO	Man.	4 m	YES	NO
F0023201A	PIUSIBOX 24V PRO	D	43	11,7	24	310	13	BP 3000	30	YES	10 µm	Man.	6 m	YES	YES



BATTERY KIT

DISPENSERS

EN. Portable diesel transfer unit.

Self-priming electric vane pump run by a 12V or 24 V DC electric motor. Cast iron body. Fixed brush motor with permanent magnet stator. Suction capacity up to 2 metres. Terminal board with switches and fuses to protect against overload. 2 metre cables with clips for battery connection. 4 meter fuel pipe, diameter 3/4". Aluminium manual nozzle. Bottom suction filter.

ZH. 便携式柴油加油设备。

自吸式直流叶片泵，12V或24V直流供电。铸铁躯体。永磁有刷电机。油泵吸程2米。连开关和保险丝的接线盒，有过载保护功能。2米电缆带电瓶夹。4米燃料输送管，直径3/4"。铝质手动加油枪。吸油管端带过滤网。

PERFORMANCE

- Flow rate up to 50 l/min
- 12 - 24 V DC operation
- Duty cycle 30 min.
- 流量达50公升/分钟
- 12 - 24 V 直流供电
- 连续工作时间30分钟



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
BATTERY KIT 3000					
F0022500C	7,8	17,3	300x300x180	18,8x11,8x7,1	1
F0022600C	7,8	17,3	300x300x180	18,8x11,8x7,1	1
F00225410	7,8	17,3	300x300x180	18,8x11,8x7,1	1
F00226380	7,8	17,3	300x300x180	18,8x11,8x7,1	1
BATTERY KIT PANTHER					
F0034003B	7,8	17,3	300x300x180	18,8x11,8x7,1	1
F0034103C	7,8	17,3	300x300x180	18,8x11,8x7,1	1
F0034006B	12,5	27,6	357x357x275	14,1x14,1x10,8	1
F00341220	13	28,7	357x357x275	14,1x14,1x10,8	1
F0034106C	12,5	27,6	357x357x275	14,1x14,1x10,8	1
BATTERY KIT BIPUMP					
F00363280	18	39,7	480x370x265	18,9x14,6x10,4	1
CARRY 3000					
F0022300C	7,8	17,3	300x300x180	18,8x11,8x7,1	1
F0022400C	7,8	17,3	300x300x180	18,8x11,8x7,1	1



Flow-rate

up to
50 l/min
(up to 10 gpm)



BATTERY KIT 3000



BATTERY KIT 3000 INLINE



BATTERY KIT PANTHER



BATTERY KIT OIL



BATTERY KIT BIPUMP

Delivery hose 6 m
Cable lenght 4 m
Automatic nozzle

FEATURES

ON REQUEST

Handle



On/Off switch



Automatic nozzle



DRUM KIT



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Flu-ids type	Flow-rate		Voltage			Fuses capacity	Pump mod.	Duty cycle min.	Nozzle type	Hose		Foot filter
			l/min	gpm	AC V/Hz DC Volt	Power Watt	Amp. max.					length	Ø	
BATTERY KIT 3000														
F0022500C	BATTERY KIT 3000 12V	D	50	13	12	220	22	25	Carry 3000	30	Man.	4 m	3/4"	YES
F0022600C	BATTERY KIT 3000 24V	D	50	13	24	310	13	15	Carry 3000	30	Man.	4 m	3/4"	YES
F00225410	BATTERY KIT 3000 INLINE 12V	D	50	13	12	220	22	25	Carry 3000	30	Man.	4 m	3/4"	YES
F00226380	BATTERY KIT 3000 INLINE 24V	D	50	13	24	310	13	15	Carry 3000	30	Man.	4 m	3/4"	YES
BATTERY KIT PANTHER														
F0034003B	BATTERY KIT Panther 12V	D	56	15	12	300	35	40	Panther DC	30	Man.	4 m	3/4"	YES
F0034103C	BATTERY KIT Panther 12-24V	D	35/70	9/18	24/12	420/150	25/16	30/30	Panther DC	30	Man.	4 m	3/4"	YES
F0034006B	BATTERY KIT Panther 12V	D	56	15	12	420	35	-	Panther DC	30	Man.	5 m	3/4"	YES
F00341220	BATTERY KIT Panther 12-24V	D	35/70	9/18	12/24	600/200	25/16	-	Panther DC	30	Aut.	5 m	3/4"	YES
F0034106C	BATTERY KIT Panther 12-24V	D	35/70	9/18	12/24	600/200	25/16	-	Panther DC	30	Man.	5 m	3/4"	YES
BATTERY KIT BIPUMP														
F00363280	BATTERY KIT Bipump 12V	D	80	21	12	300	22	-	Bipump DC	30	Aut.	6 m	1"	YES
BATTERY KIT OIL														
F00309060	Battery Viscomat/12 V	O	10	3	12	300	22	-	Viscomat DC	30	Man.	4 m	3/4"	YES
F00310070	Battery Viscomat/24 V	O	10	3	24	300	18	-	Viscomat DC	30	Man.	4 m	3/4"	YES

Upon request it is available with different voltages and 60 Hz frequency



DISPENSERS PICO

EN. Diesel transfer centrifugal pump unit. Vertical installation with inbuilt connection. Basic equipment includes suction and delivery pipe, manual nozzle, bottom suction filter, integrated switch. Available with both electronic turbine metres (precision +/- 1%) and automatic nozzle. Battery or mains powered. Universal motor with double insulated casing. Power cables: 2 metres with Shuko plug (230 VAC; 3 metres with clips (12 and 24 V DC). 4 metre fuel pipe. 2" BSP and M 64x4 drum connection.

ZH. 离心式柴油加油设备。该设备内置接头，垂直安装。标配带有吸油和送油管、手动加油枪、吸油底阀、内置开关。可选数字式涡轮计量器(精度+/- 1%)和自动加油枪。电池或电网供电。通用电机连双层绝缘外壳。电缆：2米长连Shuko插头(230 VAC)；3米长电缆带电瓶夹(12和24 VDC)。4米长油管。2" BSP或M 64x4油桶接口连接件。

PERFORMANCE

- Flow-rate up to 35 l/min
- AC and DC versions available
- 流量达35公升/分钟
- 有交流和直流型可选

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Versions with meter					
F00202020	4,8	10,6	360x360x180	14,2x14,2x7,1	1
F00202030	5,8	12,8	360x360x180	14,2x14,2x7,1	1
F00202060	4,8	10,6	360x360x180	14,2x14,2x7,1	1
F00202070	5,8	12,8	360x360x180	14,2x14,2x7,1	1
F00202100	4,8	10,6	360x360x180	14,2x14,2x7,1	1
F00202110	5,8	12,8	360x360x180	14,2x14,2x7,1	1
Versions without meter					
F00202000	4,8	10,6	360x360x180	14,2x14,2x7,1	1
F00202010	5,8	12,8	360x360x180	14,2x14,2x7,1	1
F00202040	4,8	10,6	360x360x180	14,2x14,2x7,1	1
F00202050	5,8	12,8	360x360x180	14,2x14,2x7,1	1
F00202080	4,8	10,6	360x360x180	14,2x14,2x7,1	1
F00202090	5,8	12,8	360x360x180	14,2x14,2x7,1	1



Flow-rate

up to
35 l/min
(up to 9 gpm)

PIUSI

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



FEATURES

On/Off switch



Electric cable



Electric cables length
6 m with clamps

ON REQUEST

Meter K24



Automatic nozzle



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump mod.	Duty cycle min.	Nozzle type	Hose		Foot filter
			l/min	gpm	AC V/Hz DC Volt	Power Watt	Amp. max.				length	Ø	
Versions with meter													
F00202020	PICO 230 K24 M	A D W	35	9	230/50	224	1	Pico	-	Man.	4 m.	3/4"	YES
F00202030	PICO 230 K24 A	A D W	30	8	230/50	224	1	Pico	-	Aut.	4 m.	3/4"	YES
F00202060	PICO 12 K24 M	A D W	30	8	12	110	9	Pico	30	Man.	4 m.	3/4"	YES
F00202070	PICO 12 K24 A	A D W	25	7	12	110	9	Pico	30	Aut.	4 m.	3/4"	YES
F00202100	PICO 24 K24 M	A D W	30	8	24	135	5,5	Pico	30	Man.	4 m.	3/4"	YES
F00202110	PICO 24 K24 A	A D W	25	7	24	135	5,5	Pico	30	Aut.	4 m.	3/4"	YES
Versions without meter													
F00202000	PICO 230 M	A D W	35	9	230/50	224	1	Pico	-	Man.	4 m.	3/4"	YES
F00202010	PICO 230 A	A D W	30	8	230/50	224	1	Pico	-	Aut.	4 m.	3/4"	YES
F00202040	PICO 12 M	A D W	30	8	12	110	9	Pico	30	Man.	4 m.	3/4"	YES
F00202050	PICO 12 A	A D W	25	7	12	110	9	Pico	30	Aut.	4 m.	3/4"	YES
F00202080	PICO 24 M	A D W	30	8	24	135	5,5	Pico	30	Man.	4 m.	3/4"	YES
F00202090	PICO 24 A	A D W	25	7	24	135	5,5	Pico	30	Aut.	4 m.	3/4"	YES

Upon request it is available with different voltages and 60 Hz frequency



AC PUMPS PANTHER 56 - 72

EN. Diesel transfer electric pump. Displacement, self-priming rotary electric vane pumps. Fitted with by-pass valve and elevated reliability seal even at low working temperatures. Compact and easy to install they are ideal for dispensers, fixed fuel transferring systems and other industrial applications. Sturdy cast iron structure, vane pump with sintered steel rotor and acetal resin vanes, induction motor with aluminium casing. Suitable for continuous use with thermal motor overload protection.

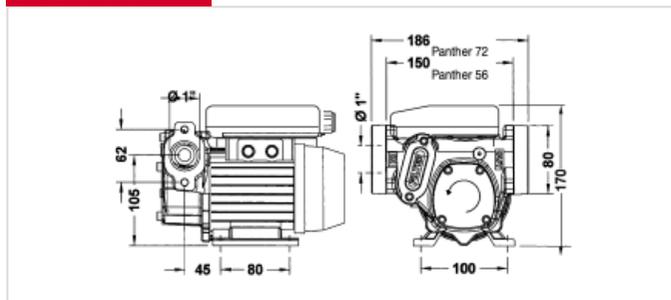
ZH. 交流电动柴油泵。自吸式滑片泵，内置旁通阀。可靠的高度密闭性，适合于低温条件下使用。体积小，安装简便，是加油机和固定式设备及其它工业用途柴油输送的理想油泵。铸铁壳体坚固结实，烧结钢转子和乙醚树脂叶片，铝壳永磁电机。可连续使用，带有过热保护。

PERFORMANCE

- Flow rate up to 72 l/min
- Continuous AC operation.
- Noise level below 75 dB
- Incorporated filter

- 流量达72公升/分钟
- 交流电机可连续工作
- 噪音低于75 dB
- 内置过滤网

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
PANTHER 56					
F00730000	7,4	16,3	345X175X255	13,6x6,9x10	1
000731000	7,4	16,3	345X175X255	13,6x6,9x10	1
000730070	7,4	16,3	345X175X255	13,6x6,9x10	1
F00730380	7,4	16,3	345X175X255	13,6x6,9x10	1
000733000	7,4	16,3	345X175X255	13,6x6,9x10	1
000734000	7,4	16,3	345X175X255	13,6x6,9x10	1
PANTHER 72					
000732000	7,9	17,4	345X175X255	13,6x6,9x10	1
000735000	7,9	17,4	345X175X255	13,6x6,9x10	1



Flow-rate

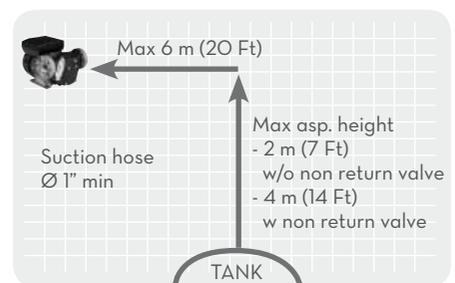
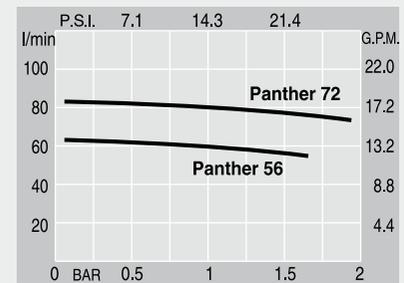
up to
72 l/min
(up to 19 gpm)



PANTHER 56
THREADED PORTS
(flange not included)



PANTHER 72
(threaded flange included)



FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage				rpm	Inlet Outlet BSP	Flange connection	Bypass valve	Inlet filter
			l/min	gpm	Singlephase motor V/Hz	Threephase motor V/Hz	Power Watt	Amp. max.					
PANTHER 56													
F00730000	Panther 56 230/50	D	56	15	230/50	-	600	3	2900	1"	-	YES	YES
000731000	Panther 56 230/60	D	68	18	230/60	-	800	3,9	3400	1"	-	YES	YES
000730070	Panther 56 120/60	D	56	15	120/60	-	800	7,5	3400	1"	-	YES	YES
F00730380	Panther 56 110/50	D	56	15	120/50	-	600	5,5	2800	1"	-	YES	YES
000733000	Panther 56 400/50	D	56	15	-	400/50	500	1,3	2900	1"	-	YES	YES
000734000	Panther 56 400/60	D	68	18	-	400/60	500	1,4	3400	1"	-	YES	YES
PANTHER 72													
000732000	Panther 72 230/50	D	72	19	230/50	-	850	4,2	2900	1"	YES	YES	YES
000735000	Panther 72 400/50	D	72	19	-	400/50	550	1,6	2900	1"	YES	YES	YES

Upon request it is available with different voltage and frequency



E AC PUMPS 80 - E 120

EN. Diesel transfer electric pump. Displacement, self-priming rotary electric vane pumps. Fitted with by-pass valve and elevated reliability seal even at low working temperatures. Compact and easy to install they are ideal for dispensers, fixed fuel transferring systems and other industrial applications.

Sturdy cast iron structure, vane pump with sintered steel rotor and acetal resin vanes, induction motor with aluminium casing. Suitable for continuous use with thermal motor overload protection.

ZH. 交流柴油泵。自吸式滑片泵，内置旁通阀。可靠的高度密闭性，适合于低温条件下使用。体积精巧，安装简便，是加油机和固定式设备及其它工业用途柴油输送的理想油泵。

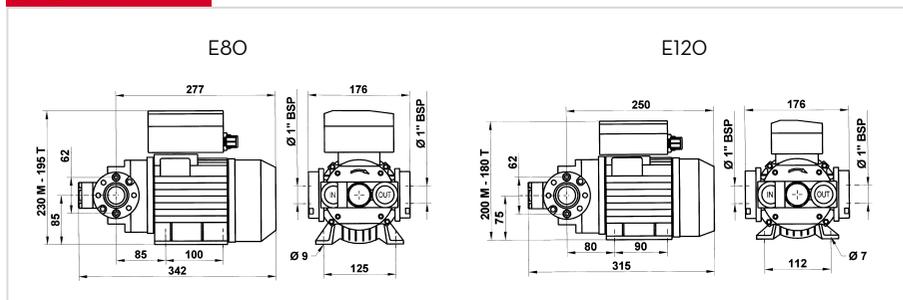
铸铁躯体坚固结实，烧结钢转子和乙醛树脂叶片，铝壳永磁电机。可连续使用，带有过热保护功能。

PERFORMANCE

- Flow rate up to 100 l/min
- Continuous AC operation.
- Noise level below 70 dB

- 流量达100公升/分钟
- 交流电机可连续工作
- 噪音低于70 dB

DIMENSIONS

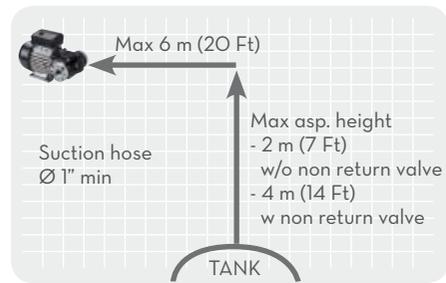
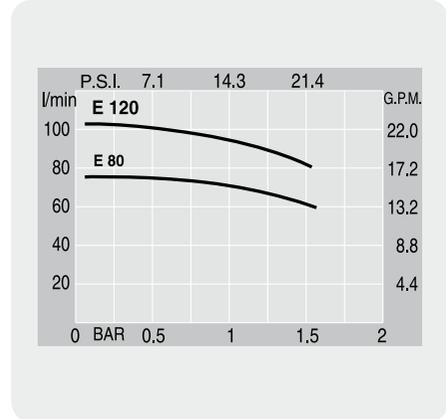


PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
E 80					
000305000	13	28,7	355x185x285	14x7,3x11,2	1
000307000	13	28,7	355x185x285	14x7,3x11,2	1
E 120					
000326000	15,6	34,4	355x185x285	14x7,3x11,2	1
000312000	15,6	34,4	355x185x285	14x7,3x11,2	1
P8OEXX					
F0031900A	26,5	58,4	650x290x300	25,6x11,4x11,8	1
F0031700A	26,5	58,4	650x290x300	25,6x11,4x11,8	1



Flow-rate
up to
100 l/min
(up to 26 gpm)



FEATURES



ON DEMAND



Version with EEX motor



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage				rpm	Inlet Outlet BSP	Flange connection	Bypass valve	Inlet filter
			l/min	gpm	Singlephase motor V./Hz	Threephase motor V./Hz	Power Watt	Amp. max.					
E 80													
000305000	E 80 M	D	70	18	230/50	-	700	3,5	1400	1"	YES	YES	NO
000307000	E 80 T	D	70	18	-	400/50	550	1,6	1450	1"	YES	YES	NO
E 120													
000326000	E 120 M	D	100	26	230/50	-	1150	5,7	1450	1"	YES	YES	NO
000312000	E 120 T	D	100	26	-	400/50	800	2,2	1450	1"	YES	YES	NO
P80EEX													
F0031900A	P80EEX M	D	75	20	230/50	-	750		1400	1"	YES	YES	NO
F0031700A	P80EEX T	D	75	20	-	400/50	750		1400	1"	YES	YES	NO

Upon request it is available with different voltage and frequency

VAC PUMPS VISCOMAT VANE



EN. Electric vane pump for pumping fluids of a viscosity up to 500 cSt.

Continuous operations, with elevated suction, up to 6 bar pressures. Noise levels below 70 dB.

Asynchronous, closed, self-ventilating AC motor available in different voltages and frequencies.

Optional closed-delivery operations thanks to inbuilt adjustable by-pass in pump body. Sintered steel rotors with resin vanes.

Seal on motor shaft accessible from pump side.

ZH. 粘度高达500 cSt的滑片式机油输送泵。

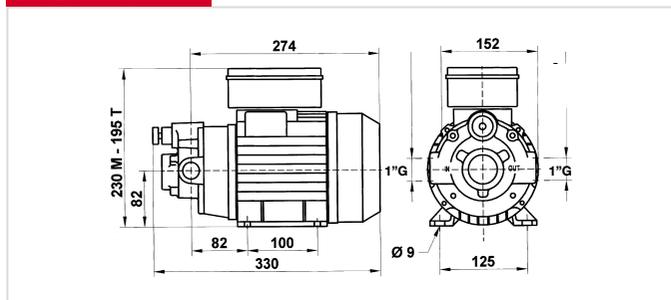
连续运行，自吸力强，出口压力可达6巴。噪音在70 dB以下。

备有不同的电压和频率异步交流电机可选，由于泵体内置的可调旁通功阀，可以闭合送油口的方式运行。烧结钢质转子和树脂叶片。油泵侧安装油封。

PERFORMANCE

- Flow rate up to 50 l/min
- Continuous AC operation.
- Viscosity up to 500 cSt
- 流量达50公升/分钟
- 交流电机可连续工作
- 粘度可高达500 cSt

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
VISCOMAT 70					
F0033490A	14,1	31,1	355x185x285	14x7,3x11,2	1
F0033190A	14,1	31,1	350x200x280	13,8x7,9x11	1
VISCOMAT 90					
F00303M00	14,1	31,1	350x200x280	13,8x7,9x11	1
000303000	14,1	31,1	350x200x280	13,8x7,9x11	1



Flow-rate

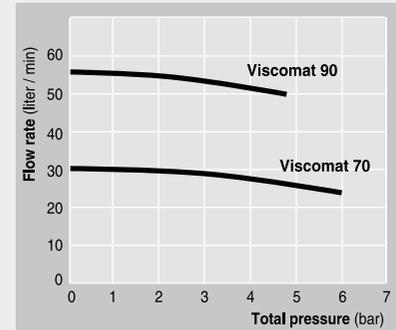
up to
50 l/min
(up to 13 gpm)

Viscosity

up to
500
cSt



Viscomat 70 M



FEATURES



ON REQUEST

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Voltage			rpm	Inlet Outlet	Adjustable bypass valve	
			l/min	gpm	bar	psi	Singlephase motor V/Hz	Threephase motor V/Hz	Power Watt				Amp. max.
VISCOMAT 70													
F0033490A	Viscomat 70 M. 230/50/60	B D O	25	7	6	85	230/50/60	-	1150	5,5	1450	1" BSP	YES
F0033190A	Viscomat 70 T. 400/50	B D O	25	7	6	85	-	400/50-60	800/1100	2,3/3,1	1450/1700	1" BSP	YES
VISCOMAT 90													
F00303M00	Viscomat 90 M. 230/50-60	B D O	50	13	5	71	230/50-60	-	1350/1600	6,5/7,8	1450/1700	1" BSP	NO
000303000	Viscomat 90 T. 400/50-60	B D O	50	13	5	71	-	400/50-60	1350/1100	3,8/3	1450	1" BSP	YES

Upon request it is available with different voltage and frequency

V^{DC PUMPS} VANTAGE 60



EN. DC fuel transfer pumps.

The brand new DC pump for fuel transfer features an innovative design and compact size. It integrates a new level of intelligence that allows the pump to monitor its operation and performance.

Technical features:

Vane pump with rotor. Inlets / outlets with hose end-fitting. Ready for direct connection to the level switch.

LED for monitoring the operation status.

Local file with memory events.

ZH. 直流燃料输送泵。全新的直流燃料输送泵，创新设计，体积精巧，可监控自身的工作状态和性能，融合了油泵的最新智能水准。

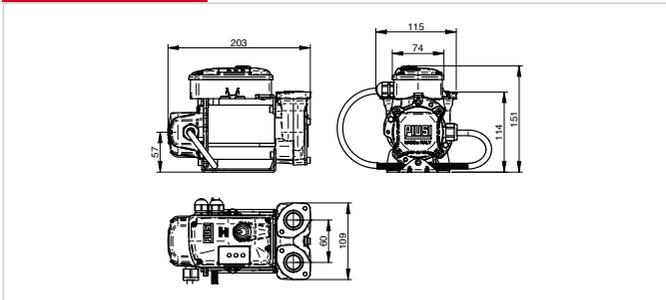
技术特性：转子式滑片泵。入口/出口带管座。预留液位开关接口。运作状况监控LED。本地文件和事件储存。

PERFORMANCE

- Flow rate up to 60 l/min
- 12 - 24 V DC operation
- Noise level below 70 dB

- 流量达60公升/分钟
- 12 - 24 V 直流供电
- 噪音低于70 dB

DIMENSIONS



GUARANTEE



Guaranteed IP55 protection
Prevents water and dust entering the motor.



EMC Test
No interference with power circuits.



Vibration Test
Able to resist high vibrations.

PRODUCTS' RANGE WEIGHT AND PACKAGING

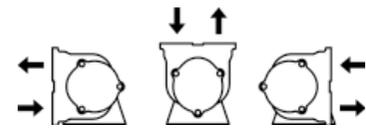
Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0033700A	4,3	9,1	230x160x160	9,1x6,3x6,3	1
F0033801A	4,3	9,1	230x160x160	9,1x6,3x6,3	1



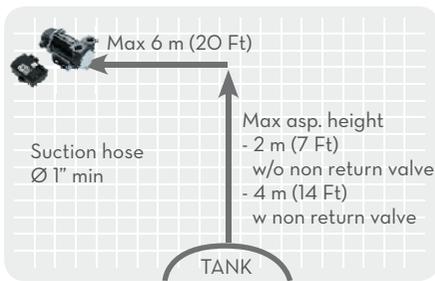
REGISTERED DESIGN

PATENTED

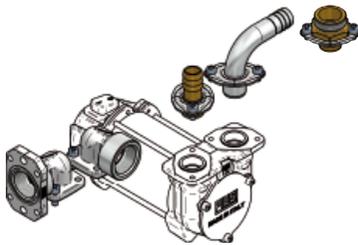
Flow-rate
up to
60 l/min
(up to 15,9 gpm)



ON REQUEST REFUELLING OFF ROAD VEHICLES



ON REQUEST CHOICE YOUR BEST CONNECTIONS



Kit straight hose tail 3/4":
Code F16172000
(No.02 pcs)
1": Code F17124000
(No.02 pcs)

90° hose tail
3/4": Code F16173000
(No.01 pcs)
1": Code F17262000
(No.01 pcs)

Flanged elbow
Code F16178000
(No.01 pcs)
Elbow
Code F16770000
(No.01 pcs)

Flanged adaptor
(No.01 pcs)
1" BSP F: F16799000
3/4" BSP F: F17314000
1" BSP M: F17313000

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			rpm	Duty cycle min.	Max working pressure bar.
			l/min	gpm	DC Volt	Power Watt	Amp. max.			
F0033700A	VANTAGE 60	D	60	15,9	12	300	24	2900	30	1,5
F0033801A	VANTAGE 60	D	60	15,9	24	310	13	2900	30	1,5

V DC PUMPS VANTAGE 100

NEXT TO COME



EN. DC fuel transfer pumps.

The brand new DC pump for fuel transfer features an innovative design and compact size. It integrates a new level of intelligence that allows the pump to monitor its operation and performance.

Technical features:

Vane pump with rotor. Inlets / outlets with hose end-fitting. Ready for direct connection to the level switch.
LED for monitoring the operation status.
Local file with memory events.

Pump on board for heavy earthmoving and off road diesel equipment refueling with tank capacity more than 400 l.
Suitable for earthmoving and off road equipment conform with tier 4/stage iv that require ultra low sulfur diesel "ULSD" and biodiesel B20

Vertical or Horizontal ports.

NO threated ports.

1" 1/4 rotating fittings.

Electrically connection taylored to suite customer needs.

ZH. 燃料转存直流泵。全新的燃料转存直流泵提供了创新的设计和细小的体积，可监控自身的活动和性能，融合了油泵的最新智能水准。

技术特性：转子叶片泵。入口/出口带管座。预备直接连接液面开关。运作状况监控LED。本地文件和事件储存。

重型土方工程车辆和越野车辆的初始设备，带有超过400公升容量的油罐。

与符合tier4/stage4标准，使用低含硫“ULSD”和生物柴油的B20重型土方工程车辆和越野车辆兼容。

垂直或水平机门

非螺纹机门

1" 1/4接头

电气连接可按照客户需求来个人化

PERFORMANCE

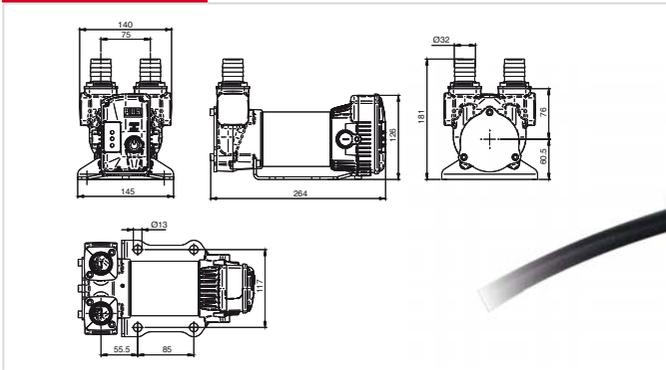
- Nominal tension 24V DC

- Flow rate up to 100 lpm continuously

- 流量达100公升/分钟

- 24 V直流供电

DIMENSIONS



Up TO 100 l/min

DESIGN TO PASS A WIDE RANGE OF OEM SEVERITY TEST

GUARANTEE



IP Protection Guaranteed

Guaranteed IP55 protection
Prevents water and dust entering the motor.



EMC Test
No interference with power circuits.



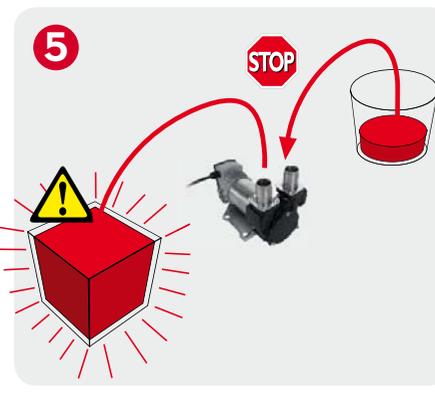
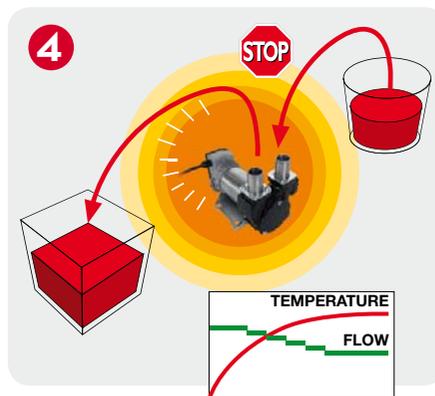
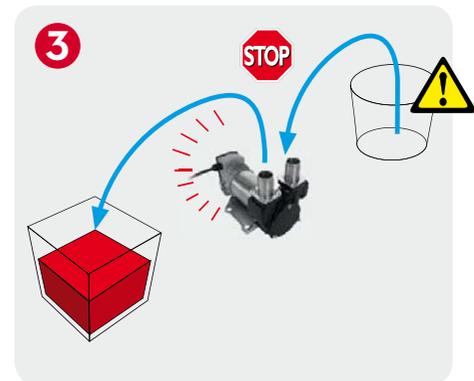
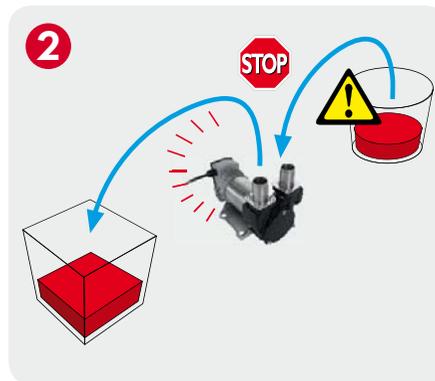
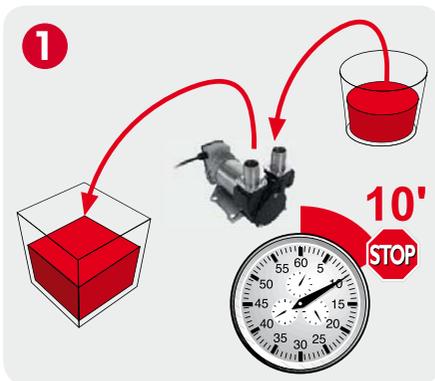
Vibration Test
Able to resist high vibrations.



Flow-rate
up to
100 l/min
(up to 26 gpm)

PIUSI

Vantage 100



EN. Solves the problems of in proper use

1. Left running- switches off after 10 minutes
2. Overpressure- detects this overload condition and stops the pump
3. Dry running- detects this condition and shuts down the pump
4. Overheating- reduces power and allows refuellings at a slower rate
5. Full tank- stops when the tank is full

ZH. 防止使用不当的方案

1. 10分钟后油泵自动熄灭
2. 超压：辨别超压状况并停顿油泵
3. 干运行：辨别这种情况并停顿油泵
4. 过热：减低功率并允许较低流量的加注
5. 油罐满载：油罐满载时停顿油泵

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN



DC PUMPS BP 3000 - BP 3000 INLINE

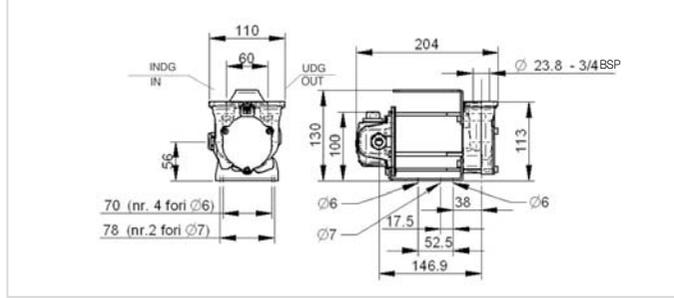
EN. Fuel vane pumps.
Powerful, dependable and economical, they are available with 12 and 24-volt direct current motors.
Thanks to their compact sizes, these pumps are used as the primary system in earthmoving machinery.

ZH. 直流滑片泵。
功率高，性能可靠，质优价廉。备有12V和24V直流电机可选。
由于体积细小，此油泵可作为履带式机械加油的首选装备。

PERFORMANCE

- Vane pump with rotor.
 - By-pass valve incorporated into the pump body.
 - Duty cycle 30 min.
 - Flow rate up to 50 l/min
 - Noise level below 70 dB
 - 12 - 24 V DC operation
- 转子滑片泵。
 - 泵体内置旁通阀。
 - 最长连续工作时间30分钟
 - 流量达50公升/分钟
 - 噪音低于70 dB
 - 12 - 24 V 直流供电

DIMENSIONS



GUARANTEE

IP 55
IP Protection
Guaranteed

Guaranteed IP55 protection
Prevents water and dust entering the motor.

EMC
compliance

EMC Test
No interference with power circuits.

V
Vibration
test

Vibration Test
Able to resist high vibrations.

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00342000	3,5	7,9	200x120x140	7,9x4,7x5,5	1
F00347000	3,5	7,9	200x120x140	7,9x4,7x5,5	1
F00357500	3,5	7,9	200x120x140	7,9x4,7x5,5	1
F00358500	3,5	7,9	200x120x140	7,9x4,7x5,5	1



REGISTERED DESIGN

Flow-rate

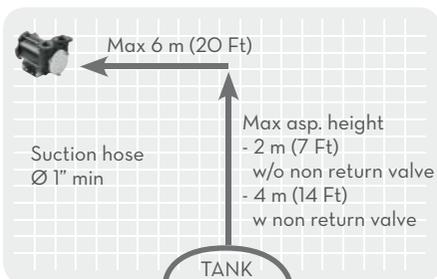
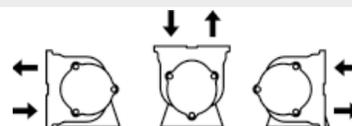
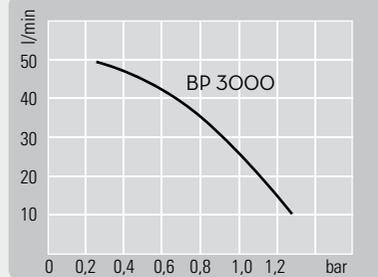
up to
50 l/min
(up to 13 gpm)



BP 3000 - PORTS NOT THREADED



BP 3000 INLINE - THREADED PORTS



ON REQUEST

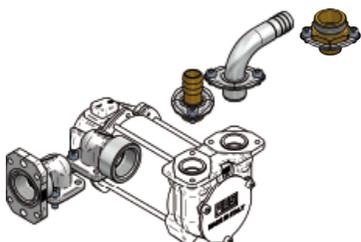


- KIT terminal box + 2mt cable + fuse 25A with clamp BP3000 12V - Code F16293000
- KIT terminal box + 4mt cable + fuse 25A with clamp BP3000 12V - Code F16295000
- KIT terminal box + 2mt cable + fuse 15A with clamp BP3000 24V - Code F16294000
- KIT terminal box + 4mt cable + fuse 15A with clamp BP3000 24V - Code F16296000



Terminal box
Code F1601100A

BP 3000 VERTICAL PORTS ONLY



Kit straight hose tail 3/4":
Code F16172000
(No.02 pcs)
1": Code F17124000
(No.02 pcs)



90° hose tail
3/4": Code F16173000
(No.01 pcs)
1": Code F17262000
(No.01 pcs)



Flanged elbow
Code F16178000
(No.01 pcs)
Elbow
Code F16770000
(No.01 pcs)



Flanged adaptor
(No.01 pcs)
1" BSP F: F16799000
3/4" BSP F: F17314000
1" BSP M: F17313000

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			rpm	Duty cycle min.	Max working pressure bar.
			l/min	gpm	DC Volt	Power Watt	Amp. max.			
F00342000	BP3000 12V	D	50	13	12	300	24	2900	30	1,5
F00347000	BP3000 24V / 12V	D	50/30	13/6	24/12	310/80	13/6,5	2900/1500	30	1,5
F00357500	BP3000 INLINE 12V	D	50	13	12	300	24	2900	30	1,5
F00358500	BP3000 INLINE 24V / 12V	D	50/30	13/6	24/12	310/80	13/6,5	2900/1500	30	1,5

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

TIER 4 PUMPS



EN. Piusi offers the latest in “off road” vehicle refuelling technology

- We offer products tailored to suit the customers needs
- We can deliver inline with your production requirements, directly to your line
- We warrantee our standard products for 2 years
- Reliability with quality built in
- EMC compliant

Low emissions and Eco friendly

- Our By-pass 3020 and Vantage 3020 give premium performance
- 3020 is totally compatible with Tier 4 IIIB engines whether you use SCR, DPF or EGR systems
- 3020 offers Zero Zn
- 3020 allows B20 BioFuels to be used

ZH. PIUSI派优士公司隆重推出最新技术的“off road”越野车辆加油设备。

- 我们向广大用户提供能够满足不同需求的量身定做产品
- 我们可直接在客户的生产线上提供满足实际需求方案
- 我们生产高质可靠的油泵产品
- 我们生产满足EMC防护等级的油泵产品

低排放和生态友好

- By-pass 3020和Vantage 3020型油泵可提供极高的性能
- 3020油泵与Tier 4 IIIB发动机兼容，不论使用SCR、DPF或EGR系统。
- 3020系列带有非镀锌的表面
- 3020系列可使用B20生物燃料

PERFORMANCE

- Vane pump with rotor.
- By-pass valve incorporated into the pump body.
- Duty cycle 30 min.
- Flow rate up to 50 l/min
- Noise level below 70 dB
- 12 - 24 V DC operation
- Horizontal threaded ports

- 泵体内置旁通阀。
- 运作循环30分钟
- 流量达50公升/分钟
- 噪音低于70 dB
- 12 - 24 V 直流供电
- 水平螺纹式进进出油口



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00344000	3,5	7,9	200x120x140	7,9x4,7x5,5	1
F00345000	3,5	7,9	200x120x140	7,9x4,7x5,5	1

Flow-rate

up to
50 l/min
(up to 13 gpm)



DISPENSERS

PUMPS

METERS

NOZZLE METERS

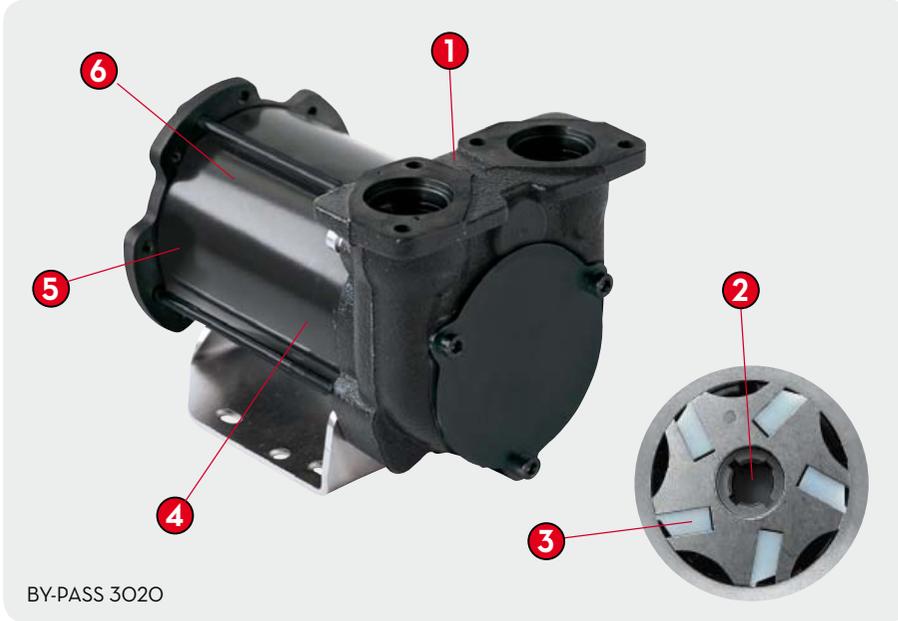
NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



BY-PASS 3020



BY-PASS 3020 INLINE - THREADED PORTS



VANTAGE 3020

EN.

1. Body cathaphoresis protected: gives resistance to oxidation, is B20 Bio Fuel resistant and Tier 4 compatible.
2. Mechanical seal: for improved reliability and longer life.
3. Peek vanes: greater durability high wear resistance, pump designed for dry run conditions.
- 4. Thermally protected motor: to prevent overheatings.**
5. Electronic EMC: greater reliability than traditional systems.
6. Motor cathaphoresis protected: to prevent corrosion (complies with UNI EN ISO 9227 salt spray test).

ZH.

1. 泵体电泳防护层防氧化，可以兼容 B20生物柴油和Tier4.
2. 机械式密封增加可靠性并延长使用寿命
3. 滑片：更可靠，更耐磨，油泵可以干转。
4. 过热保护电机：防止过热。
5. EMC认证电路：比传统电路更可靠
6. 电机电泳防护层：更耐腐蚀（符合UNI EN ISO 9227盐雾试验标准）

ON REQUEST



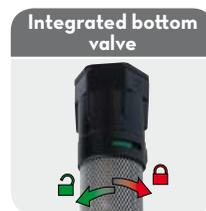
90° Hose tail



Custom design pump support



Custom design connections



Integrated bottom valve



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			rpm	Duty cycle min.	Max working pressure bar.
			l/min	gpm	DC Volt	Power Watt	Amp. max.			
F00344000	BP3020 12V	D B	50	7	12	300	24	2900	30	1,5
F00345000	BP3020 24V	D B	50/30	13/6	24/12	310/80	13/6,5	2900/1500	30	1,5



DC PUMPS PANTHER DC

EN. Transfer pumps. Rotary, self priming, vane pumps featuring high flow rates, and easy operation and installation.
The 24/12 version can be used with both voltages.

Technical features:
Vane pump with rotor. Mechanical seal. Incorporated by-pass valve. Connector block with ON/OFF switch. 100 µ filter incorporated in the pump body, easy access for maintenance. Threaded 1" connectors.

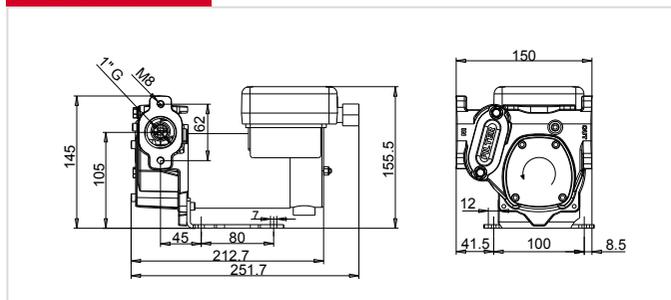
ZH. 滑片式直流柴油泵，高流量自吸型，运行可靠和安装简便。直流24V/12V版可使用两种电压通用。

技术特性：
转子滑片泵。机械密封。内置旁通阀。分流盒连on/off开关。泵体内置100 µ过滤器，维护方便。G1" 螺纹接口。

PERFORMANCE

- Flow rate up to 70 l/min
- 12/24 V operation
- Duty cycle 30 min.
- 流量达70公升/分钟
- 直流12/24V
- 最长连续工作时间30分钟

DIMENSIONS



GUARANTEE



IP Protection Guaranteed

Guaranteed IP55 protection
Prevents water and dust entering the motor.

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0034000B	7,5	16,5	345x175x255	13,6x6,9x10	1
F0034100C	7,5	16,5	345x175x255	13,6x6,9x10	1

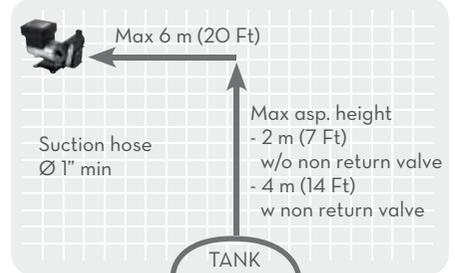
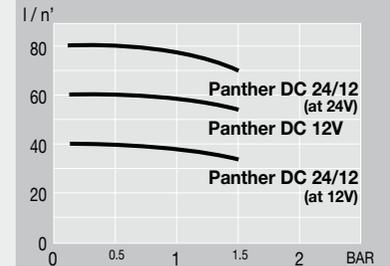


ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Flow-rate
up to
70 l/min
(up to 18,5 gpm)



Panther DC



FEATURES

ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage		Duty cycle min.	rpm	Inlet BSP	
			l/min	gpm	DC Volt	Power Watt				
F0034000B	Panther DC 12V	D	56	14,8	12	420	35	30	2900	1"
F0034100C	Panther DC 24/12V	D	70/35	18,5/9,2	24/12	600/200	25/16	30	3500/1800	1"
R10011000	Kit cable 2 m (12 V) - Fuse on the cable									
R10040000	Kit cable 2 m (24 V) - Fuse on the cable									
R10041000	Kit cable 4 m (12 V) - Fuse on the cable									
R10039000	Kit cable 4 m (24 V) - Fuse on the cable									
R13242000	Kit handle									



DC PUMPS BIPUMP

EN. Fuel vane pumps. Displacement, rotary vane pumps for transferring diesel fuel, characterized by high flow rates. Available in 12 and 24 Volt versions.

Technical features:

Vane pump with rotor. By-pass valve incorporated into the pump body. Working cycle of 30 min. Integrated On/Off switch. Flanged 1" connectors.

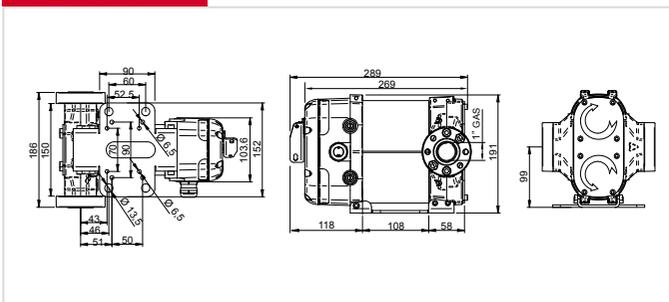
ZH. 直流滑片式柴油泵。自吸式旋转容积叶片泵，高流量。备有12和24伏两种版本可选。

技术特性：转子滑片泵。泵体内置旁通阀。最长连续工作时间30分钟，内置on/off开关。G1" 螺纹接头。

PERFORMANCE

- Flow rate up to 85 l/min
 - 12 - 24 V DC operation
 - Duty cycle 30 min.
- 流量达85公升/分钟
 - 12 - 24 V 直流供电
 - 最长连续工作时间30分钟

DIMENSIONS



GUARANTEE



IP Protection Guaranteed

Guaranteed IP55 protection
Prevents water and dust entering the motor.

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00363A0A	9,9	21,8	345x175x255	13,6x6,9x10	1
F00363B0A	9,9	21,8	345x175x255	13,6x6,9x10	1
F0036301A	10,2	22,5	345x175x255	13,6x6,9x10	1
F0036302A	10,4	22,5	345x175x255	13,6x6,9x10	1
F0036303A	10,2	22,5	345x175x255	13,6x6,9x10	1
F0036304A	10,4	22,5	345x175x255	13,6x6,9x10	1
F0036321A	8,5	18,7	345x175x255	13,6x6,9x10	1



Flow-rate
up to
85 l/min
(up to 22,4 gpm)



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

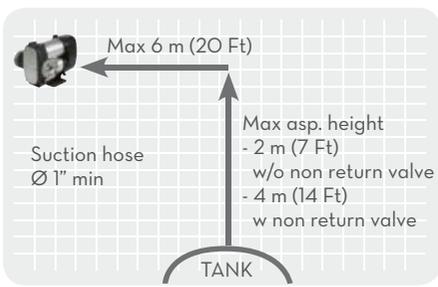
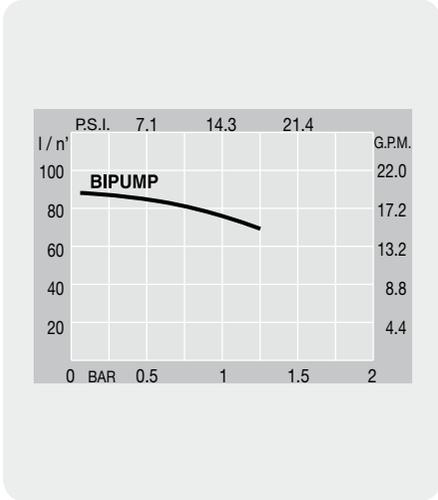
FLUID MONITORING

ACCESSORIES

FILTERING



Bipump



FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Duty cycle min.	rpm	Meter mod.	Inlet BSP
			l/min	gpm	DC Volt	Power Watt	Amp. max.				
F00363A0A	Bipump 12V with on/off switch	D	85	22,4	12	500	42	30	2000	K44	1"1/2
F00363B0A	Bipump 24V with on/off switch	D	85	22,4	24	500	21	30	2000	K44	1"1/2
F0036301A	Bipump 12V with cable 2 m	D	85	22,4	12	500	42	30	2000	K44P	1"1/2
F0036302A	Bipump 12V with cable 4 m	D	85	22,4	12	500	42	30	2000	K44P	1"1/2
F0036303A	Bipump 24V with cable 2 m	D	85	22,4	24	500	21	30	2000	K44	1"1/2
F0036304A	Bipump 24V with cable 4 m	D	85	22,4	24	500	21	30	2000	K44	1"1/2
F0036321A	Bipump 12/24 without on/off switch	D	85	22,4	12/24	500/500	42/21	30/30	2000	K44P	1"1/2
R14334000	Kit cable 2 m										
R14335000	Kit cable 4 m										
F14200000	Kit handle										

Flow-rate

up to
70 l/min
(up to 18 gpm)



PIUSI[®]

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

CARRY 3000 inline



With 2 m cable length

CARRY PANTHER



With cable length 2 m

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Fuse Amp.	rpm	Duty cycle min.	Max working pressure bar.	Input Output BSP	On/off switch
			l/min	gpm	DC Volt	Power Watt	Amp. max.						
F0022300C	Carry 3000 12V	D	50	13	12	300	22	25	2900	30	1,5	-	YES
F0022400C	Carry 3000 24V / 12V	D	50/30	13/6	24/12	310/80	13/6,5	15	2900/1500	30	1,5	-	YES
F00223260	Carry 3000 inline 12V	D	50	13	12	300	22	25	2900	30	1,5	3/4"	YES
F00224240	Carry 3000 inline 24V	D	50/30	13/6	24/12	310/80	13/6,5	15	2900/1500	30	1,5	3/4"	YES
F0034004B	Carry Panther 12V	D	56	15	12	420	35	-	2900	30	-	1"	YES
F0034104C	Carry Panther 12/24V	D	35/70	9/18	12/24	600/200	25/16	-	3500/1800	30	-	1"	YES



K MECHANICAL METERS

33 - K44

EN. Mechanical meters. Designed to measure the exact quantity of dispensed liquid (fuel or lubricant) for non commercial use. Reliable, economical and easy to install and calibrate on site. Also gravity functional thanks to reduced resistance to flow.

Mod. K33, 3 digit partial totals (max 999 litres), 6 digit totals.

Mod. K44, 4 digit partial totals (max 9999 litres), 7 digit totals.

Mod. Pulsar: "Open collector" card type, frequency 10 pulses/litre, power supply 6-24 V DC, max 10 mA.

ZH. 机械流量计。专门为精确测量(燃料和润滑剂)的加油量而研制。可靠、经济且安装简便，并可在安装现场进行调校。此外，由于具备极低的流动阻力，也可以用作重力式加注计量。

型号K33，单次小计3位数码显示(最多999公升)，总数6位。

型号K44，单次小计4位数码显示(最多9999公升)，总数7位。

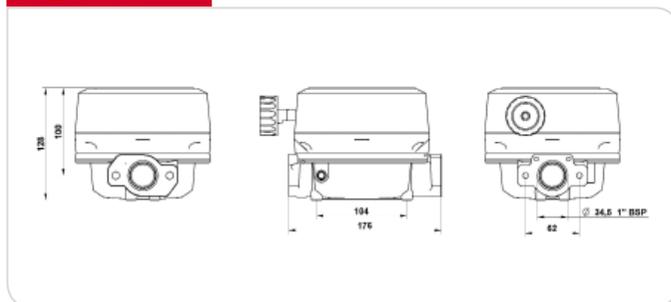
脉冲发射式型号Pulsar：“Open collector”型插件板。频率10脉冲/公升，6-24 Vdc供电，最高10 mA。

PERFORMANCE

- Flow rates 20 - 120 l/min
- Accuracy +/- 1%
- Repeatability 0.2 %
- Max. operating pressure 10 bar
- Bursting pressure 30 bar

- 流量20 - 120公升/分钟
- 计量精度+/- 1%
- 可重复性0.2%
- 最高工作压力10巴
- 爆裂压力30巴

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
000550000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000551000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000552000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000553000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000560000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000561000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000562000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000563000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000700000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000553130	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000710000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000563080	0,6	1,3	180x180x170	7,1x7,1x6,7	1
00056500A	0,6	1,3	180x180x170	7,1x7,1x6,7	1



Flow-rate
up to
120 l/min
(up to 32 gpm)

Accuracy
+/-
1%



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

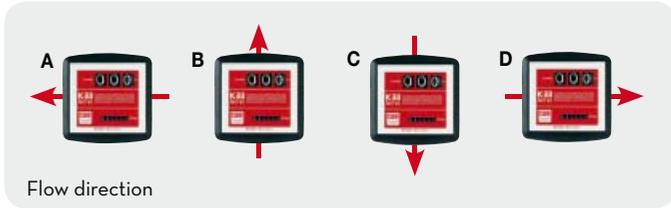


K33



K44

FEATURES



Flow direction

ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Code	Description	Flow direction	Flow-rate		Pressure		Pulser	Inlet Outlet
				l/min	gpm	bar	psi		
000550000	000550160	K33 Ver. A	←	20 - 120	5 - 32	10	142	-	1" BSP
000551000	000551160	K33 Ver. B	↑	20 - 120	5 - 32	10	142	-	1" BSP
000552000	000557000	K33 Ver. C	↓	20 - 120	5 - 32	10	142	-	1" BSP
000553000	000558000	K33 Ver. D	→	20 - 120	5 - 32	10	142	-	1" BSP
000560000	000560160	K44 Ver. A	←	20 - 120	5 - 32	10	142	-	1" BSP
000561000	000561020	K44 Ver. B	↑	20 - 120	5 - 32	10	142	-	1" BSP
000562000	000562020	K44 Ver. C	↓	20 - 120	5 - 32	10	142	-	1" BSP
000563000	000563020	K44 Ver. D	→	20 - 120	5 - 32	10	142	-	1" BSP
000700000	-	K33 Ver. A GAL/NPT	←	20 - 120	5 - 32	10	142	-	1" NPT
000553130	-	K33 Ver. D GAL/NPT	→	20 - 120	5 - 32	10	142	-	1" NPT
000710000	-	K44 Ver. A GAL/NPT	←	20 - 120	5 - 32	10	142	-	1" NPT
000563080	-	K44 Ver. D GAL/NPT	→	20 - 120	5 - 32	10	142	-	1" NPT
00056500A	-	K44 / Pulser	→	20 - 120	5 - 32	10	142	10 (38)	1" BSP"



K MECHANICAL METERS 700

EN. Oval gear mechanical flow meters designed for accurate measuring of the quantity (of fuel) dispensed for medium - high flow rates. These flow meters are reliable, economical and easy to install. The sturdy body and the mechanical display system allows you to use the flow meter in particularly demanding environments.

- 4 digit partial totals (max 9999 litres), 7 digit totals.

ZH. 专门为精确测量中大流量(燃料)的加油量而研制, 椭圆齿轮机械计量器。运行可靠、经济和安装简便。结实的壳体和机械显示适合于极端的环境下使用。

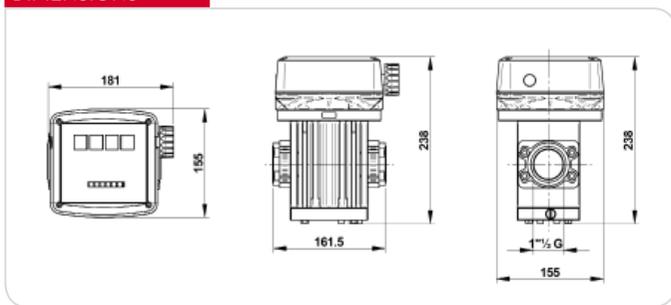
- 4位数码单次小计显示 (最多9999公升), 总数7位。

PERFORMANCE

- Flow rates 20 - 220 l/min
- Accuracy +/- 1%
- Repeatability 0.2 %
- Max. operating pressure 10 bar
- Bursting pressure 30 bar

- 流量20 - 220公升/分钟
- 计量精度+/- 1%
- 重复性0.2%
- 最高工作压力10巴
- 爆裂压力30巴

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00540000	5,8	12,8	240x240x275	9,4x9,4x10,8	1
F00540040	5,8	12,8	240x240x275	9,4x9,4x10,8	1
F00540050	5,8	12,8	240x240x275	9,4x9,4x10,8	1
F00540080	5,8	12,8	240x240x275	9,4x9,4x10,8	1



ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

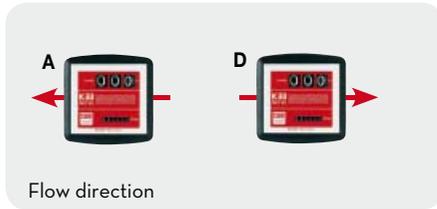
Flow-rate
up to
220 l/min
(up to 53 gpm)

Accuracy
+/-
1%



K700 M

FEATURES



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluid type	Flow direction	Flow-rate		Pressure		Inlet filter	Inlet Outlet
				l/min	gpm	bar	psi		
F00540000	K700M Ver. A	D	←	20 - 220	5 - 53	10	142	YES	1" 1/2 BSP
F00540040	K700M Ver. D	D	→	20 - 220	5 - 53	10	142	YES	1" 1/2 BSP
F00540050	K700M GAL Ver. A	D	←	20 - 220	5 - 53	10	142	YES	1" 1/2 NPT
F00540080	K700M GAL Ver. D	D	→	20 - 220	5 - 53	10	142	YES	1" 1/2 NPT

DISPENSERS
PUMPS
METERS
NOZZLE METERS
NOZZLE
SPECIAL EQUIPMENTS
FLUID MONITORING
ACCESSORIES
FILTERING



K24 A ELECTRONIC PULSE-METERS

EN. Digital flow meters for low-viscosity fluids. Easy to install in line or at the end of a delivery pipe, equipped with a screen that can be adjusted to various positions for easy reading. The ideal instrument for controlling fluid dispensing. Sturdy casing and a sealed electronic card make it suitable for use in practically all conditions.

Aluminum (K24) or reinforced polyamide (plastic version) body.
 Polypropylene turbine.
 Impulse-type signals:
 single channel, reed switch.
 Electronic card with LCD display: 5-digit partial from 0.1 to 99999, 6-digit total from 1 to 999999
 Resettable total available.
 Flow rate indication.
 Repeatability 0.2 %. Loss of pressure < 0.03 bar at 120 l/min.
 Can be calibrated. Powered by two AAA batteries.

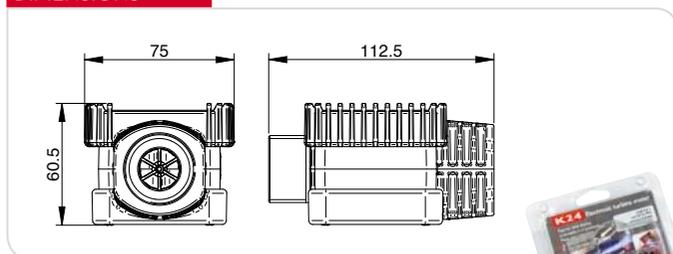
ZH. 低粘度液体用涡轮式数字流量计。安装简便，可线上安装或安装在输液管的端部，显示器可调方向，方便读数。是流体加注计量的理想流量计。结实的壳体和密封的电路板令设备几乎可以在任何条件下使用。

铝质(K24)或加强聚酰胺(塑胶版)躯体。
 聚丙烯涡轮转子。
 脉冲信号类型：单信道、干簧管。带LCD显示器的电子板：
 单次小计5位，从0.1到99999；总数6位，从1到999999
 单次小计可清零。
 流量指示。
 重复性0.2%。
 载荷损失小，在120公升/分钟流量时 < 0.03巴
 可调校。两节AAA电池供电。

PERFORMANCE

- Flow rates 20 - 120 l/min
- Accuracy +/- 1%
- Repeatability 0.2 %
- Max. operating pressure 20 bar (Aluminum version)
- Bursting pressure 100 bar (Aluminum version)
- I/O 1"
- 流量20 - 120公升/分钟
- 计量精度+/- 1%
- 重复性0.2%
- 最高工作压力20巴(铝版)
- 爆裂压力100巴(铝版)
- G1" 进口口

DIMENSIONS



REGISTERED DESIGN **PATENTED**

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		pcs/box
	kg	lbs	mm	inch	
K24 A					
F00408100	0,5	1,1	Blister	Blister	1
F00408X00	0,5	1,1	115x160x135	4,5x6,3x5,3	1
F00408X10	0,5	1,1	115x160x135	4,5x6,3x5,3	1
F00408U1A	0,5	1,1	Blister	Blister	1
F00408U0A	0,5	1,1	Blister	Blister	1
K24 A PULSER					
F00408Y00	0,5	1,1	115x160x135	4,5x6,3x5,3	1
F00408Y10	0,5	1,1	115x160x135	4,5x6,3x5,3	1



Flow-rate

up to
120 l/min
(up to 32 gpm)

Accuracy

+/-
1%



Plastic version for chemical liquids



K24 for Urea



K24 ENO approved for wine and beer
(on request)



K24 for reconstituted milk for cattle + manual
nozzle Code F00870030



Rotable display



Bidirectional

FEATURES

Turbine pulse meter



ON REQUEST

UL classified



ATEX / IECEx



Pulsar version



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Battery included No. 2 2x1,5V	Flange	Inlet - Outlet
			l/min	gpm	bar	psi			
K24 A									
F00408100	K24 A M/F 1" BSP	D	7 - 120	2 - 32	20	300	YES	NO	M 1" BSP - F 1" BSP
F00408X00	K24 A M/F 1" BSP ATEX/IECEx	D G K	7 - 120	2 - 32	20	300	YES	NO	M 1" BSP - F 1" BSP
F00408X10	K24 A M/F 1" NPT ATEX/IECEx	D G K	7 - 120	2 - 32	20	300	YES	NO	M 1" NPT - F 1" NPT
F00408U1A	K24 UL M/F 1" BSP - UL Classified	D G K	7 - 120	2 - 32	20	300	YES	NO	M 1" BSP - F 1" BSP
F00408U0A	K24 UL M/F 1" NPT - UL Classified	D G K	7 - 120	2 - 32	20	300	YES	NO	M 1" NPT - F 1" NPT
K24 A PULSER									
F00408Y00	K24 A PULSER M/F 1" BSP ATEX/IECEx (92 pulse/l)	D G K	7 - 120	2 - 32	20	300	NO	NO	M 1" BSP - F 1" BSP
F00408Y10	K24 A PULSER M/F 1" NPT ATEX/IECEx (92 pulse/l)	D G K	7 - 120	2 - 32	20	300	NO	NO	M 1" NPT - F 1" NPT

Upon request available in NPTF version and Display in Gallon/Quarter or Pint



K200 ELECTRONIC METERS AND PULSERS

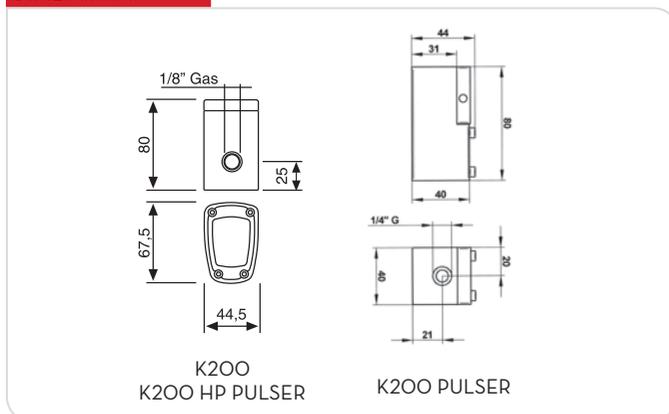
EN. Oval gear electronic flow meters in acetal resin for controlling the non commercial dispensing of low, medium and high viscosity fluids including fuel, lubricating oil and other special fluids compatible with construction materials. Body with aluminium measuring chamber. Free contact signal pulser (reed switch), single channel. 5 digit partial Total (h=11.5 mm) with floating point from 0.001 to 999.99. 8 digit non resettable Total (h=5 mm) from 1 to 99999999. Repeatability 0.2 %. Loss of pressure <0.5 bar at maximum flow rate.

ZH. 乙醛树脂椭圆齿轮电子流量计，适合于低、中、高稠度液体如燃料、润滑油及其它特种液体的小型加油站加油计量，耐腐蚀。带铝质壳体。干簧管，单信道脉冲发生器。 单次小计总数5位(h=11.5 mm)，0.001到999.99。8位总数(h=5 mm)，从1到99999999，总数不能清零。 重复性0.2%。最大流量时的载荷损失<0.5巴。

PERFORMANCE

- Flow rate up to 2.5 l/min
- Accuracy +/- 0.5%
- 流量达2.5公升/分钟
- 计量精度+/- 0.5%

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		pcs/box
	kg	lbs	mm	inch	
METERS					
F0043012A	0,6	1,3	130x65x108	5,1x2,6x4,3	1
F0043011A	0,5	1,1	130x65x108	5,1x2,6x4,3	1
F00430140	0,5	1,1	130x65x108	5,1x2,6x4,3	1
PULSER					
000452030	0,6	1,3	130x65x108	5,1x2,6x4,3	1
000452000	0,5	1,1	130x65x108	5,1x2,6x4,3	1
000452020	0,5	1,1	130x65x108	5,1x2,6x4,3	1

Flow-rate
up to
2,8 l/min
(up to 0,66 gpm)

Accuracy
+/-
0,5 %



K200



K200 HP PULSER



K200 PULSER

FEATURES

5 digit display



Oval gear



ON REQUEST

Remote display



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pulser		Pressure		Battery included No. 2 2 x 1,5 V	Inlet Outlet
			l/min	gpm	p/l	p/gal	bar	psi		
METERS										
F0043012A	K200 ml/l	A B D O	0,1 - 2,5	0,03 - 0,66	-	-	500	7200	YES	1/8" BSP
F0043011A	K200 gr/kg	B D O G	0,1 - 2,5	0,03 - 0,66	-	-	550	7200	YES	1/8" BSP
F00430140	K200 oz/lb	B D O G	0,1 - 2,8	0,03 - 0,66	-	-	550	8000	YES	1/8" NPT
PULSER										
000452030	K200 HP PULSER	B D O G	0,1 - 2,5	0,03 - 0,66	1400	5306	1000	14500	NO	1/8" BSP
000452000	K200 PULSER	B D O	0,1 - 2,8	0,03 - 0,66	1400	5306	30	426	NO	1/4" BSP
000452020	K200 PULSER NPT	B D O	0,1 - 2,8	0,03 - 0,66	1400	5306	30	426	NO	1/4" NPT

Upon request available in NPTF version and Display in Gallon/Quarter or Pint



K ELECTRONIC METERS AND PULSERS 600/3

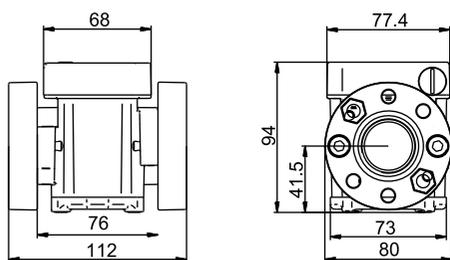
EN. Oval gear electronic flow meters in acetal resin for controlling the non commercial dispensing of low, medium and high viscosity fluids including fuel, lubricating oil and other special fluids compatible with construction materials. Body with aluminium measuring chamber. Inbuilt suction filter. 5 digit partial Total (h=11.5 mm) with floating point from 0.001 to 999.99. 8 digit non resettable Total (h=5 mm) from 1 to 99999999. Resettable Total. Flow rate indication.

ZH. 乙醛树脂椭圆齿轮电子流量计，适合于低、中、高粘度液体如燃料、润滑油及其它特种液体的小型油站加油控制用途，耐腐蚀。带铝质测量壳体。吸入端内置过滤网。单次小计总数5位(h=11.5 mm)，0.001到999.99。总计8位(h=5 mm)，从1到99999999，总数不能清零。单次小计可清零。流量指示。

PERFORMANCE

- Repeatability 0.2 %
- Loss of pressure <0.5 bar at maximum flow rate.
- Flow rate up to 100 l/min
- Accuracy : +/- 0.5%
- 重复性0.2%
- 最大流量时的载荷损失<0.5巴。
- 流量达100公升/分钟
- 计量精度+/- 0.5%

DIMENSIONS



PATENTED



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
METERS					
F00496A20	1,6	3,5	200x120x140	7,9x4,7x5,5	1
F00496A00	1,6	3,5	200x120x140	7,9x4,7x5,5	1
F00496A40	1,6	3,5	200x120x140	7,9x4,7x5,5	1
PULSER					
F00472A20	2	4,4	200x120x140	7,9x4,7x5,5	1
F00472A00	2,6	5,7	200x120x140	7,9x4,7x5,5	1

Flow-rate
up to
100 l/min
(up to 26.4 gpm)

Accuracy
+/-
0,5 %



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



K600/3 METER



K600/3 PULSER

FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Battery included No. 2 2x1,5V	Flange	Inlet Outlet	Inlet filter
			l/min	gpm	bar	psi				
METERS										
F00496A20	K600/3 oil	A B O	6 - 60	1,58 - 15,8	70	994	YES	YES	3/4" BSP	YES
F00496A00	K600/3 diesel	A D O	10 - 100	2,64 - 26,4	30	426	YES	YES	1" BSP	YES
F00496A40	K600 GAL/NPT	A B D O	10 - 100	2,64 - 26,4	30	426	YES	YES	1" NPT	YES
PULSER										
F00472A20	K600/2-3 3/4" oil	A B O	6 - 60	1,58 - 15,8	70	994	NO	YES	3/4" B SP	YES
F00472A00	K600/3 1" diesel	A D O	10 - 100	2,64 - 26,4	30	426	NO	YES	1" BSP	YES

Upon request available in NPTF version and Display in Gallon/Quarter or Pint



ELECTRONIC METERS ELECTRONIC METERS

EN. Oval gear electronic flow meters in acetal resin for controlling the non commercial dispensing of low, medium and high viscosity fluids including fuel, lubricating oil and other special fluids compatible with construction materials. Body with aluminium measuring chamber. Inbuilt suction filter (except mod. K400 and K200).
5 digit partial Total (h=11.5 mm) with floating point from 0.001 to 999.99.
8 digit non resettable Total (h=5 mm) from 1 to 99999999.
Resettable Total. Flow rate indication (only mod. K600).

ZH. 乙醛树脂椭圆齿轮电子流量计，适合于低、中、高稠度液体如燃料、润滑油及其它特种液体的小型油站加油计量，耐腐蚀。带铝质测量腔壳体。吸入端内置过滤器(除K400和K200型外)。小计总数5位(h=11.5 mm)，0.001到999.99活动逗号。8位(h=5 mm)，从1到99999999，总数不能清零。总计可清零。流量指示(仅对K600型)。

PERFORMANCE

- Repeatability 0.2 %.
- Loss of pressure <0.5 bar at maximum flow rate.
- Flow rate up to 150 l/min
- Accuracy: +/- 0.5%

- 重复性0.2%
- 最大流量时的载荷损失<0.5巴。
- 流量达150公升/分钟
- 计量精度+/- 0.5%



PRODUCTS RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0043012A	0,6	1,3	130x65x108	5,1x2,6x4,3	1
F00484000	0,5	1,1	298x198x113	11,7x7,8x4,4	12
F00484010	0,5	1,1	298x198x113	11,7x7,8x4,4	12
000483020	0,5	1,1	298x198x113	11,7x7,8x4,4	10
F00486150	0,6	1,3	115x160x135	4,5x6,3x5,3	1
F00496A20	1,6	3,5	200x120x140	7,9x4,7x5,5	1
F00496A00	1,6	3,5	200x120x140	7,9x4,7x5,5	1
F00496A40	1,6	3,5	200x120x140	7,9x4,7x5,5	1
00049700A	3,2	7	200x120x140	7,9x4,7x5,5	1
F0049701A	3,2	7	200x120x140	7,9x4,7x5,5	1

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Flow-rate
up to
150 l/min
(up to 39 gpm)

Accuracy
+/-
0,5 %



K200



K400



NEXT/2



K600/3



K600/4

FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Battery included No. 2 2x1,5V	Flange	Inlet Outlet	Inlet filter
			l/min	gpm	bar	psi				
F0043012A	K200	A B D O	0,1 - 2,5	0,03 - 0,66	550	7810	YES	NO	1/8" BSP	NO
F00484000	K400 BSP	A B D O	1 - 30	0,26 - 7,9	70	994	YES	NO	1/2" BSP	NO
F00484010	K400 QT/NPT	A B D O	1 - 30	0,26 - 7,9	70	994	YES	NO	1/2" NPT	NO
000483020	K400 windscreen	A W	1 - 30	0,26 - 7,9	70	994	YES	NO	1/2" BSP	NO
F00486150	NEXT/2	O	6 - 60	1,58 - 15,8	70	994	YES	NO	3/4" BSP	NO
F00496A20	K600/3 oil	A B O	6 - 60	1,58 - 15,8	70	994	YES	YES	3/4" BSP	YES
F00496A00	K600/3 diesel	A D O	10 - 100	2,64 - 26,4	30	426	YES	YES	1" BSP	YES
F00496A40	K600 GAL/NPT	A B D O	10 - 100	2,64 - 26,4	30	426	YES	YES	1" NPT	YES
00049700A	K600/4	A B D O	15 - 150	3,9 - 39	20	284	YES	YES	1 1/2" BSP	YES
F0049701A	K600/4 GAL/NPT	A B D O	15 - 150	3,9 - 39	20	284	YES	YES	1 1/2" NPT	YES

Upon request available in NPTF version and Display in Gallon/Quarter or Pint

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



P ELECTRONIC METERS PULSE-METERS

EN. Oval gear electronic meters in acetal resin for measuring low, medium and high viscosity fluids. These meters interface easily with management systems, making them the ideal solution to fit on non-commercial fuel distributors in fixed lubricant transfer/distribution systems. Also ideal as flow meters for cistern loading arms, controlling the consumption of fuel in burners or generator sets and other industrial applications. Repeatability 0.2%. Loss of pressure <0.5 bar at maximum flow rate. Inbuilt suction filter (except mod. K400 and K200).

ZH. 适用于低、中、高粘度液体测量，乙醛树脂椭圆齿轮计量，配脉冲发生器。可简便地与管理系统连接，成为非商用润滑油输送/加注系统计量，也可以油罐加注臂计量器用途，以及计量燃烧器或发电机组燃料消耗的理想方案。重复性0.2%。最大流量时的载荷损失<0.5巴。吸入端内置过滤网(K400和K200型不具备)。

PERFORMANCE

- Flow rate up to 150 l/min
- Accuracy: +/- 0.5%

- 流量达150公升/分钟
- 计量精度+/- 0.5%

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
000452030	0,5	1,1	130x65x108	5,1x2,6x4,3	1
000452000	0,5	1,1	130x65x108	5,1x2,6x4,3	1
F00440200	0,5	1,1	300x160x110	11,8x6,3x4,3	5
00044007A	0,5	1,1	203x320x88	8x12,6x3,5	5
F00472A20	2	4,4	200x120x140	7,9x4,7x5,5	1
F00472A00	2,6	5,7	200x120x140	7,9x4,7x5,5	1
000473000	3,2	7	200x120x140	7,9x4,7x5,5	1
F00408200	0,5	1,1	Blister	Blister	1
F0049800A	5,5	12	280x160x140	11x6,3x5,5	1
F0042000A	0,5	1,1	130x65x108	5,1x2,6x4,3	1
F0042001A	0,5	1,1	130x65x108	5,1x2,6x4,3	1



Flow-rate

up to
150 l/min
(up to 39 gpm)

Accuracy

+/-
0,5 %



PIUSI



K200 HP



K200



K400



K24 (not for oil)



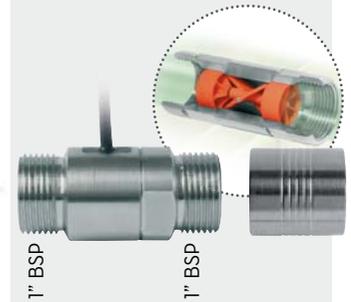
K600/3



K600/4



K700



TURBINOX INLINE (not for oil)

FEATURES

ON REQUEST

Oval gear



Remote display



Turbinox 90°



Turbinox 90° + display



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pulser		Pressure		Battery included No. 2 2x1,5V	Flange	Inlet Outlet BSP	Inlet filter
			l/min	gpm	p/l	p/gal	bar	psi				
000452030	K200 HP PULSER	B D O G	0,1 - 2,5	0,03 - 0,66	1400	5306	1000	14200	NO	NO	1/8"	NO
000452000	K200 PULSER	B D O	0,1 - 2,8	0,03 - 0,66	1400	5306	30	426	NO	NO	1/4"	YES
F00440200	K400 PULSER	A B D O	1 - 30	0,26 - 0,79	100	379	70	994	NO	NO	1/2"	NO
00044007A	K400 windscreen	B D O W	1 - 30	0,26 - 0,79	100	379	70	994	NO	NO	1/2"	YES
F00472A20	K600/3 3/4" oil PULSER	A B O	6 - 60	1,58 - 15,8	33	130	70	994	NO	YES	3/4"	YES
F00472A00	K600/3 1" diesel PULSER	A D O	10 - 100	2,64 - 26,4	35	133	30	426	NO	YES	1"	YES
000473000	K600/4 PULSER	A B D O	15 - 150	3,9 - 39	26	98	20	284	NO	YES	1 1/2"	YES
F00408200	K24 pulse meter M/MF 1"BSP	K D W W	5 - 120	1,3 - 30	92	338	20	300	YES	NO	1"	NO
F0049800A	K700 PULSER	A B D O	25 - 250	6,6 - 66	14	53	20	284	NO	YES	2"	YES
F0042000A	Turbinox inline pulse meter	K D W W	10÷40	3÷11	88	338	20	300	YES	NO	1"	NO
F0042001A	Turbinox 90° pulse meter	K D W W	10÷40	3÷11	88	338	20	300	YES	NO	1"	NO

Upon request available in NPT version



K900 ELECTRONIC AND PULSER METERS

EN. Oval gear electronic flow meters in acetal resin for controlling the non commercial dispensing of low, medium and high viscosity fluids compatible with construction materials. Body with aluminium measuring chamber. Inbuilt suction filter. Free contact signal pulser (reed switch), single channel.

5 digit partial Total (h=11.5 mm) with floating point from 0.001 to 999.99.

8 digit non resettable Total (h=5 mm) from 1 to 99999999.

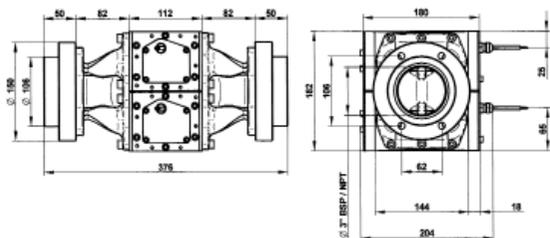
Resettable Total. Flow rate indication.

ZH. 乙醛树脂椭圆齿轮电子流量计，适合于低、中、高粘度液体如燃料、润滑油及其它特种液体。铝质壳体。吸入端内置过滤网，净触点(干簧管)，单信道脉冲发生器。单次小计显示5位(h=11.5 mm)，0.001到999.99。总计8位显示(h=5 mm)，从1到99999999，总计不能清零。单次小计可清零。有流量指示。

PERFORMANCE

- Repeatability 0.2 %
- Loss of pressure <0.5 bar at maximum flow rate.
- Flow rate up to 500 l/min
- Accuracy: +/- 0.5%
- I/O 3"
- 重复性0.2%
- 最大流量时的载荷损失<0.5巴。
- 流量达500公升/分钟
- 计量精度+/- 0.5%
- G 3" 进出口

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0049900A	12	26,5	400x290x200	15,7x11,4x7,9	1
F0049903A	12	26,5	400x290x200	15,7x11,4x7,9	1
F0049902A	12	26,5	400x290x200	15,7x11,4x7,9	1



ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Flow-rate
up to
500 l/min
(up to 132 gpm)

Accuracy
+/-
0,5 %



K900 / K900 PULSER

FEATURES

Oval gear



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pulser		Pressure		Battery included No. 2 2x1,5V	Flange	Inlet Outlet	Inlet filter
			l/min	gpm	p/l	p/gal	bar	psi				
F0049900A	K900	A B D O	50 - 500	13,2 - 132	-	-	20	284	YES	YES	3" BSP	YES
F0049903A	K900 GAL/NPT	A B D O	50 - 500	13,2 - 132	-	-	20	284	YES	YES	3" NPT	YES
F0049902A	K900 PULSER	A B D O	50 - 500	13,2 - 132	10	38	20	284	YES	YES	3" BSP	YES

Upon request available in NPT version.

Display power supply 4-12 Vdc, 1,2 Amp. Type of output signal: open collector max 50 V, 1,2 Amp, single channel.

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

REMOTEMETERS REMOTE DISPLAY FOR PULSE METER

EN. Remote display for remote control (via max. 15 m. cable) of pulse meters. The large screen displays the quantity delivered and the non resettable total. Equipped with software applications for calibrating meters. Available as both basic display device and as pulse emitter. Indispensable for receivers designed to recognise only discreet quantities of impulses.

The easy interfacing management systems of the pulse transmitter models extend the field of application of pulse meters combined with remote displays.

Technical features:

Unique display with 5 digit partial Total (h=11.5 mm) with floating point (0.001 to 99999) and 8 digit non resettable Total (h = 5 mm., from 1 to 99999999).

Battery or mains supply. Number pulses per litre set at: 1, 2, 10, 20, 50, 100. Resettable Total available. Different measurement unit settings. Low battery indication. Flow rate indication.

ZH. 脉冲流量表用远程显示器（电缆连接，最长15米）。

宽大的显示屏显示加油量，总计不能清零。配有计量器校准的应用程序。可作为显示器或脉冲发射器。当接收器只识别相当数量脉冲时是必备的。

脉冲发生器型可简便地与管理系统连接，当配合远程显示器使用时，更扩充了计量脉冲发生器的用途。

特性：

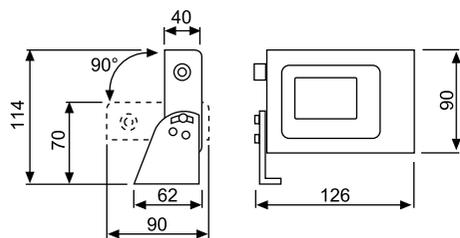
整体式显示器，单次小计5位(h=11.5 mm)，(0.001到999.99)，总计8位(h=5 mm)，总计不能清零。(h = 5 mm.从1到99999999)。

电池或外部供电。

每公升脉冲数可设置：1、2、10、20、50、100次。

单次小计可清零。可配置不同的计量单位。电池低电量指示。流量指示。

DIMENSIONS



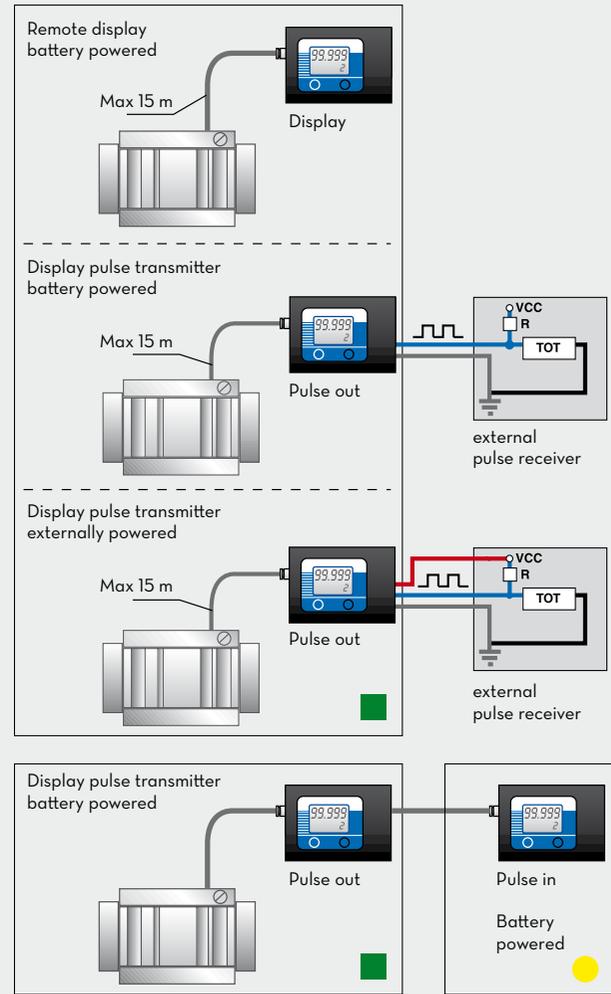
PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F1175200B	1,2	2,6	200x120x140	7,9x4,7x5,5	1
F1175300B	1,2	2,6	200x120x140	8,9x4,9x5,9	1
F1175400B	1,2	2,6	200x120x140	8,9x4,9x5,9	1
F0049501A	1,2	2,6	200x120x140	8,9x4,9x5,9	1
F0049502A	1,2	2,6	200x120x140	8,9x4,9x5,9	1
F0049503B	1,2	2,6	225x125x150	8,9x4,9x5,9	1





APPLICATIONS



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Suitable for pulse meter	Inlet Outlet
F1175200B	Remote displ. Pulse out K600	B D O U W	K600 diesel	Pulse out ■
F1175300B	Remote displ. Pulse out K600/4	B D O U W	K600/4	Pulse out ■
F1175400B	Remote displ. Pulse out K700	B D O U W	K700	Pulse out ■
F0049501A	Universal displ. Pulse out	B D O U W	K200, K400, K600 oil, K600 diesel, K600/4, K700	Pulse out ■
F0049502A	Display Pulse in	B D O U W	For all Piusi Pulse out remote display	Pulse in ■
F0049503B	Display Pulse out UREA	B D O U W	Turbinox / K24 Pulser	Pulse out ■

S MANUAL NOZZLES ELF



EN. Manual nozzles. These nozzles, distinguished by high efficiency, based on low flow resistance, remarkably easy use and of reasonable cost, are designed to be used with any type of transfer system, even those run by gravity. Supplied complete with removable lever protection, a variety of threaded connectors and a reduced section tube for unleaded gasoline.

ZH. 手动加油枪：由于流动阻力低，所以效率高，使用简便和价格经济。这些特性令其适合于各种输送设备，也可用作重力加注。带有可移动的扳机锁，备有各种螺纹接头及无铅汽油用的管道变径接口可选。

PERFORMANCE

Flow rate up to 150 l/min

- 流量达150公升/分钟



PRODUCTS' RANGE WEIGHT

Code	Weight	
	kg	lbs
F00641130	0,7	1,5
F0065000A	0,6	1,3
00065001A	0,6	1,3
F0063001A	0,2	0,4
F0063000A	0,2	0,4

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Flow-rate
up to
150 l/min
(up to 40 gpm)

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



SELF 2000 DIESEL



SELF 3000 DIESEL/GASOLINE



PLASTIC NOZZLE-S WATER/DIESEL



PLASTIC NOZZLE WATER/FOOD

FEATURES



Swivel

Not included in the Plastic nozzle model



UREA NOZZLE (available)

PRODUCTS' RANGE TECHNICAL DATA

Code with swivel	Description	Fluid type	Flow-rate		Inlet		Spout ext. Ø mm
			l/min	gpm	swivel BSP	with swivel BSP	
F00641130	* Self 2000 1"	B D G O	120	32	YES	F 1"	25
F0065000A	* Self 3000 1"	B D G O	150	40	YES	F 1"	25
00065001A	* Self 3000 1" unleaded spout	B D G O	150	40	YES	F 1"	20
F0063001A	Plastic nozzle 1" (water/food version)	B D G O W	80	21	NO (Hose tail 1")	F 1"	34
F0063000A	Plastic nozzle-S 1"	B D G O W	80	21	YES	F 1"	34

ANTIFREEZE

BIO DIESEL

DIESEL

FOOD

GASOLINE

GREASE

KEROSENE

OIL

UREA

WATER

WINDSCREEN

A AUTOMATIC NOZZLES

60 - A80 - A120 - A280



EN. Automatic nozzles. These nozzles are fitted with a device that automatically shuts off flow when the tank is full. Complete with swivel connector they conform to the strictest safety requirements and bear all necessary certifications.

ZH. 自动加油枪。具有油箱加满时自动跳枪停止功能。配备符合最严格安全标准的旋转接头并带有一切许可证书。

PERFORMANCE

Flow rate up to 280 l/min

- 流量达280公升/分钟

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight	
	kg	lbs
F00603060	1.25	2,76
F00602020	1.20	2,65
F00604030	1.93	4,25
F00610020	1.93	4,25
F13249000	3.3	7,28
F00613A00	1.30	2,87
F00614000	1.65	3,64
F00602030	1,25	2,76
F0061903B	2,60	5,73
F00613020	1,25	2,76



Flow-rate
up to
280 l/min
(up to 74 gpm)



A60



A80



A120



A280

FEATURES



Automatic stop



High flow rate



Swivel

ON REQUEST



Rapsoil version



Urea version



Automatic nozzle

Code F00613020

PRODUCTS' RANGE TECHNICAL DATA

Code without swivel	Code with swivel	Description	Fluid type	Flow-rate		Inlet		Spout ext. Ø mm
				l/min	gpm	without swivel BSP	with swivel BSP	
F12127000	F00603060	A60	DG	70	19	F 3/4"	F 1"	24
F1244200A	F00602020	A60 Unleaded	DG	60	16	F 3/4"	F 1"	20
F12449000	F00604030	A80	DG	90	24	F 1"	F 1"	29
F12128000	F00610020	A120	DG	120	32	F 1"	F 1"	29
-	F13249000	A280	DG	280	74	-	1 1/2"	38,5
-	F00613A00	A60 - EN 13012	D	70	19	F 3/4"	F 1"	24
-	F00614000	A120 - EN 13012	D	120	32	-	F 1"	29
F00602040	F00602030	Autom. Nozzle RAPSOIL	B	60	16	F 3/4"	F 1"	24
-	F0061903B	Autom. Nozzle UREA (inox)	WU	40	11	-	F 3/4"	19
-	F00613020	Autom. Nozzle ATEX	DGK	60	16	-	F 1"	20



FLUID MONITORING MC BOX SYSTEM

EN. Multi-user control panel with accessories for PC connection.

MC BOX permits: Pump ignition, identification of authorised users, Pre-selection of dispensed quantity, Management of pulse metre, Management of an external switch to switch off pump at minimum level, Management of micro switch connected to nozzle support, Connection to an external printer.

Technical features: Panel with dual display, keyboard and i-button reader. Controls up to 120 users through passwords or i-button keys. Calculates consumption of each individual user. Local memory up to last 255 operations. Possibility of inserting vehicle registration number, kilometres, date and time of dispensing.

Dedicated software for printing individual detailed summaries.

Possibility of managing up to 16 panels with one software. Key reader with USB socket for exporting data. RS converter with USB socket for direct connection with PC via cable up to 1000 metres.

ZH. 多用户电子控制模块，附带PC连接附件。

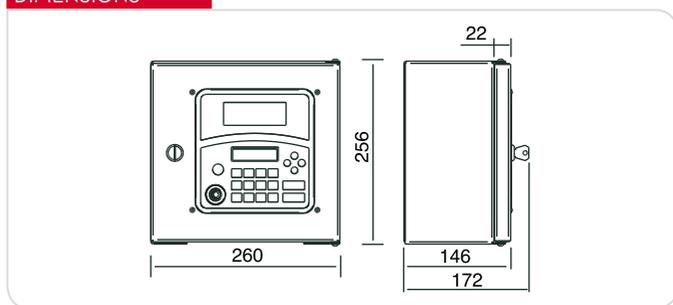
MC BOX可实现：油泵启动；用户识别许可；加注量预设；脉冲计量表管理；预设最低油位由外部开关关闭油泵；枪座上的微动开关管理和外部打印机连接。

特性：双显示屏、键盘和i-button按钮阅读器。通过密码或i-button按钮可管理多达120个用户。每个终端定期消耗汇总功能。系统内存可以记录最近的255个操作。可输入车辆编码和公里数。加油日期和加注量。对用户加注状况统计及合计的打印专用软件。一套软件可管理16个面板。USB插口可以导出数据。通过带USB-RS转换的可达1000米电缆连接PC。

PERFORMANCE

- Up to 120 users
- PC connection
- Data management software
- AC and DC versions available
- 多达120个用户
- 连接PC
- 数据管理软件
- 交流电源和直流电源可选

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0057201B	9	19,4	480x370x265	18,9x14,6x10,4	1
F1398000C	5	19,4	480x370x265	18,9x14,6x10,4	1
F1398003C	5	19,4	480x370x265	18,9x14,6x10,4	1
F1398005B	5	19,4	480x370x265	18,9x14,6x10,4	1
F1398006B	5	19,4	480x370x265	18,9x14,6x10,4	1
F1398001B	6	13,2	480x370x265	18,9x14,6x10,4	1
F1398002B	6	13,2	480x370x265	18,9x14,6x10,4	1





FEATURES

ON REQUEST

<p>Easy access to connection</p>	<p>Oval gear pulse meter</p> <p>K600/2-3 3/4" oil Code F00472A20 K600/3 1" diesel Code F00472A00</p>	<p>Turbine pulse meter</p> <p>K24 1" UREA Code F0040721B</p>	<p>Self service desk software</p> <p>See "Fluid monitoring" section</p>	<p>Level control</p> <p>Code F17121000 for Diesel only</p>	<p>Ocio Level indicator</p>
<p>Display cover</p>					

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Users	Voltage			Meters
				AC V./Hz DC Volt	Power Watt	Amp. max. (load motor)	
F0057201B	MC BOX complete *	B D O	80	230/50	35	6,5	K600/3
F1398000C	MC BOX (any fluids)	B D G O K	80	230/50	35	6,5	-
F1398003C	MC BOX (any fluids) 120 V	B D G O K	120	120/60	35	6,5	-
F1398005B	MC BOX (any fluids)	B D G O K	120	230/50	35	6,5	-
F1398006B	MC BOX (UREA)	U	120	230/50	35	6,5	-
F1398001B	MC BOX 12V	B D G O K	120	12	10	50	-
F1398002B	MC BOX 24V	B D G O K	120	24	10	25	-

* Complete by: CD rom with software, 10 lbutton user key, 1 lbutton manager key, USB plug lbutton key reader for PC

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

MC BOX LITE

FLUID MONITORING

NEW



EN. Smart multi-user control panel.
MC BOX LITE encloses some functions of the MC panel with the simplicity of the ACCESS 85. It is provided with 4 user keys in order to start dispensing as quick as possible. MC BOX LITE permits:

- Identification of authorized users
- Storage of dispensing transactions
- Pre-selection of dispensed quantity
- Total consumption
- User consumption

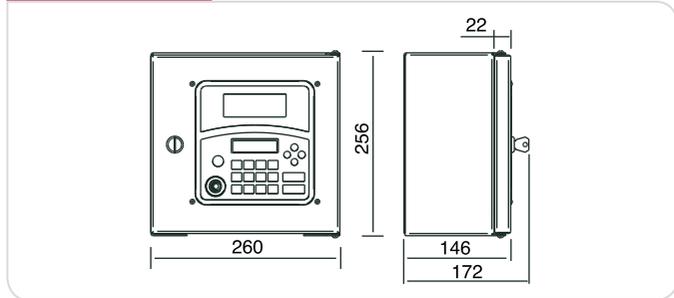
ZH. 小型多用户控制面板
通过ACCESS 85的简便性，MC BOX LITE备有MC面板的某些功能。备有已配置的4个用户钥匙，可以最快速度进行加油。
MC BOX LITE可实现：

- 授权用户的识别
- 加油量统计存储
- 加油量预设
- 总消耗量
- 单个用户消耗量

PERFORMANCE

- Up to 20 users
- 4 user keys already configured
- Consumption report
- 可管理多达20个用户
- 4个已配的用户钥匙
- 油品消耗量统计

DIMENSIONS



NO PC CONNECTION



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F13981000	9	19,4	480x370x265	18,9x14,6x10,4	1



Kit keys

NO PC CONNECTION

Users identification
PIN code and/or **User key**

- Pump unit switch on/off
- Receives quantity pulses from: Flow meters
- Receives enabling signal from: Level switch
- Receives enabling signal from: Micro switch on nozzle
Code: R16239000

FEATURES



ON REQUEST



K600/2-3 3/4" oil
Code F00472A20

K600/3 1" diesel
Code F00472A00



Code F17121000
for Diesel only



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Users	Users key	Voltage		
					AC V/Hz DC Volt	Power Watt	Amp. max. (load motor)
F13981000	MC BOX LITE	B D G O K	20	4	230/50	35	6,5



FLUID MONITORING MC BOX PRESET WITH PULSEOUT

EN. Control panel with pre-selection.

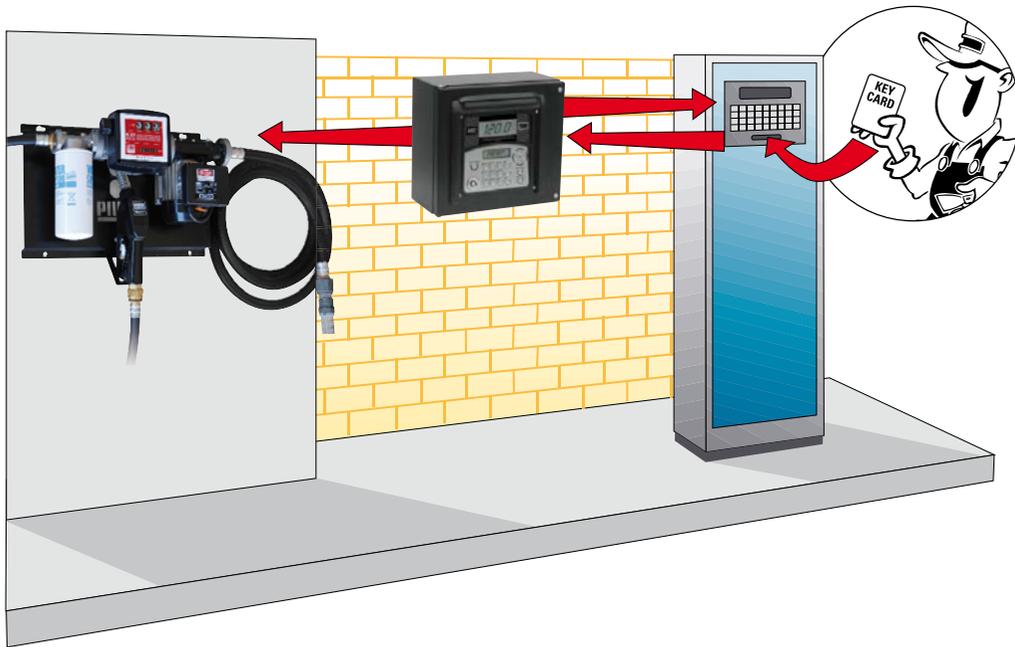
Very often, the control systems do not feature the electronic power part for pump control. MCBOX PRESET is the market answer to interface fuel consumption and liquid transfer control systems with pre-selection. This is a panel that can easily interact with an external electronic system, to enable dispensing and switching the pump on or off. During dispensing, MC BOX PRESET sends calibrated pulses to the electronic system produced by the pulse meter connected to the panel.

By means of MCBOX PRESET, it is also possible to connect up to a level switch to automatically switch off the pump, and carry out dispensing in pre-selection.

ZH. 预选控制面板。

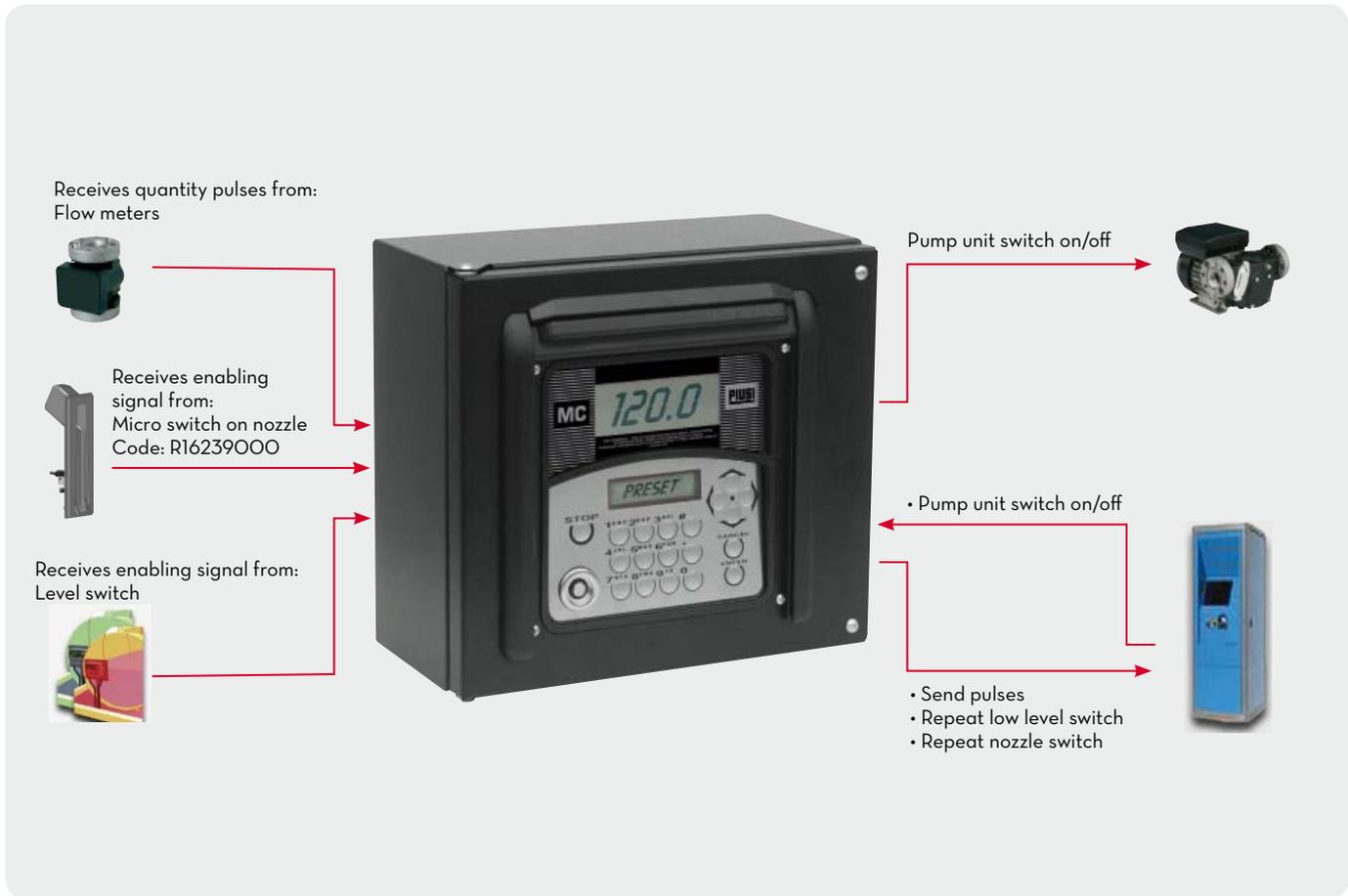
通常，管理系统是不具备油泵控制的电子部件。MCBOX PRESET是根据市场需求开发的带有预设功能的油料消耗和液体输送控制系统。此面板可轻松地与外部电子装置连接，启用油品输送以及启动和关闭油泵。在加油期间，MC BOX PRESET通过脉冲计量表向电子装置发出脉冲信号。通过MCBOX PRESET可连接一个液位开关，按照预设加油量自动关闭油泵。

- Pulse output available
- Presettable dispensing



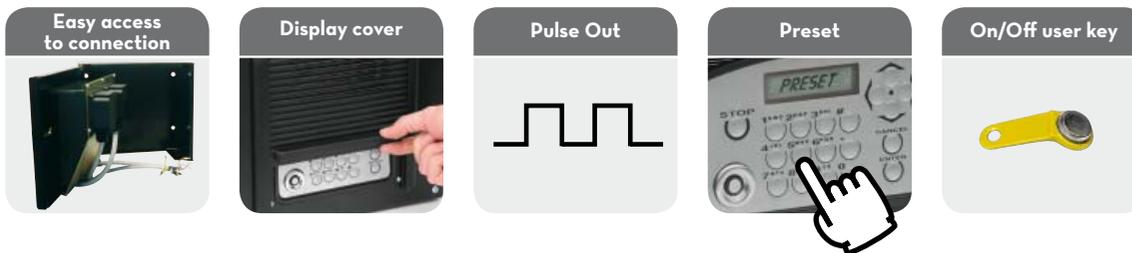
PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F1398010A	5	11	400x290x200	15,7X11,4X7,9	1



FEATURES

ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Users	AC V./Hz	Voltage	
					Power Watt	Amp. max. (load rotor)
F1398010A	MC BOX PRESET with pulseout	B D G O K	80	90 ÷ 230	10	6,5

FLUID MONITORING SELFSERVICE DESK



EN. Software can be used with all Piusi products equipped with PC data interfaces (Cube MC, SelfService MC and FM, MC-BOX).

The software arranges dispensing data for analysis and print out.

Data can be sent direct to a PC via cable (A) via LAN (C), via WIFI (D) or via an electronic key with memory and a key reader for connecting to PC (B).

ZH. 可用于所有派优士产品的软件备有PC(Cube MC、SelfService MC和FM、MC-BOX)连接功能。负责处理加注数据的软件可进行分析 and 打印。

数据可通过以下方式导出到个人计算机上:

电线(A)、LAN(C)、WIFI(D)或通过电子钥匙和钥匙阅读器连接到PC(B)上。



A



PC interface PW 14
Code **F1271000C**

Composed by
1 USB converter PW 14
+ CD with Software
to install on PC

B



Kit Key with USB plug
Code **F14144040**

Composed by:
1 Manager red key
+ 10 User yellow keys
+ Key reader to transfer
data to PC + CD with PC
Software.

C



PW-LAN
Code **F12710050**

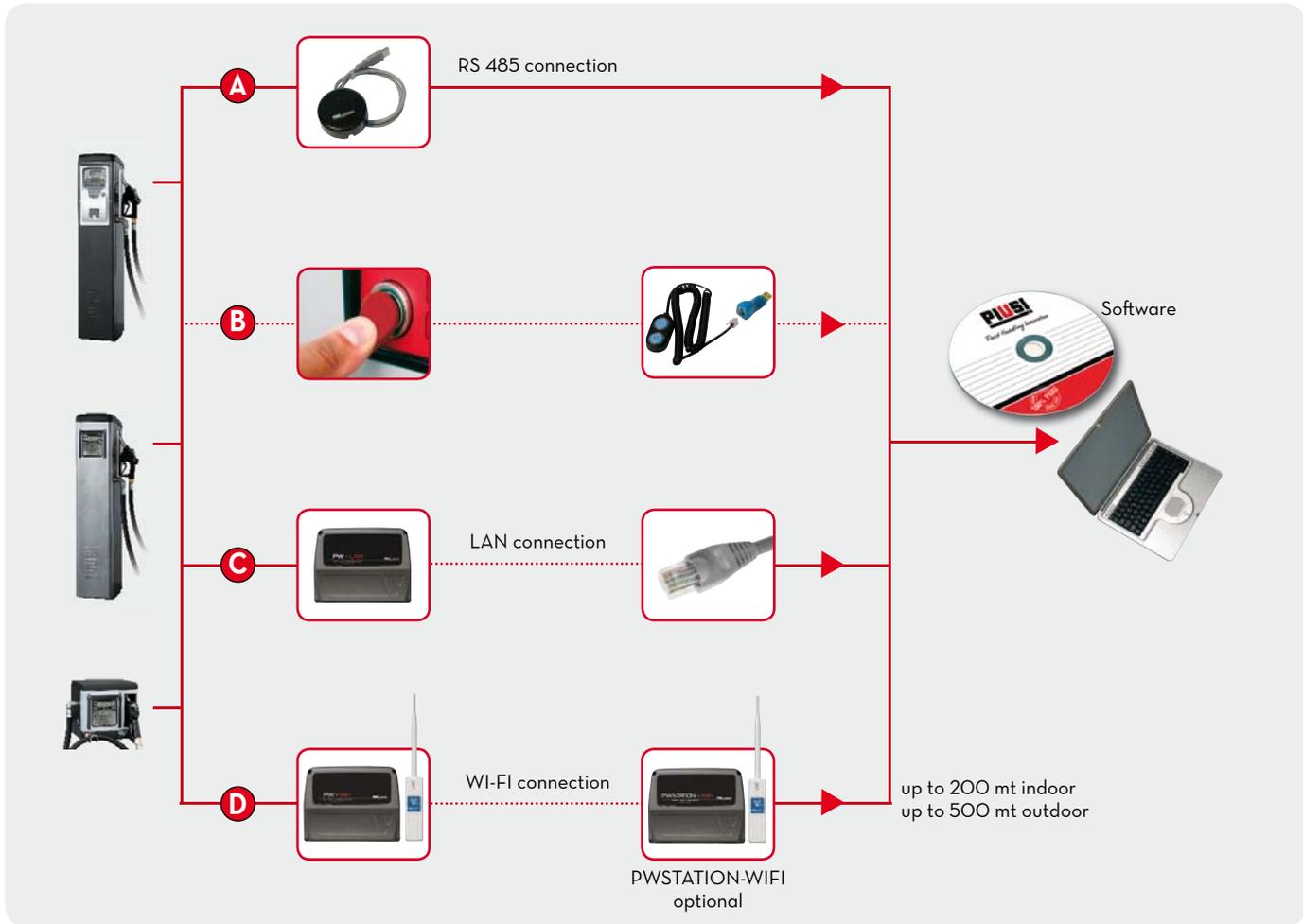
Composed by
1 PW-LAN
+ CD with Software
to install on PC

D



PW-WIFI
Code **F12710040**

Composed by:
1 PW-WIFI + CD with PC
Software.



ON REQUEST



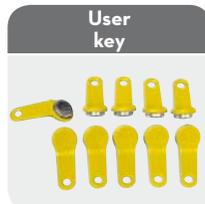
PWSTATION-WIFI

Code **F12710090**
An hot spot and
repeater in case of
long distance



**Manager
Key red**

Code **R12496000**
Composed by
1 Manager red key



**User
key**

Code **R15904000**
Composed by 10 User
yellow key



**Key for translation
language**

Composed by 1 black
key



**PW 14 USB
converter**

Code **F13292000**

Code	Language
F1482000A	Czech
F1481800A	Danish
F1390700A	Français
F15358000	English
F1388200A	Italian
F1398500A	Norwegian
F1390800A	Dutch/flemish
F1400000A	Portuguese
F15489000	Rumanian
F1494100A	Slovenian
F1396800A	Espanol
F1422000A	Swedish
F1388300A	Deutsch
F15375000	Magyar



FLUID MONITORING ACCESS 85

EN. Electronic unit for the smart control of the withdrawal of fuel from tanks by numerous users.

It is able to control: pump start and stop, user access by means of electronic key, the position of the dispenser gun with relevant go ahead.

It also features an emergency stop button. When connected to the OCIO, it is able to detect minimum tank level and block the pump.

All functions can be configured by the system manager.

ZH. 多用户加油的智能管理电子控制盒。

该系统可管理：油泵的启动和关闭；用户利用电子钥匙的控制对应位置加油枪。

此外，还备有紧急停止按钮。

如连接到OCIO(或其它液面指示器)，可管理油箱里的液面，并按照液面水平来关闭油泵。

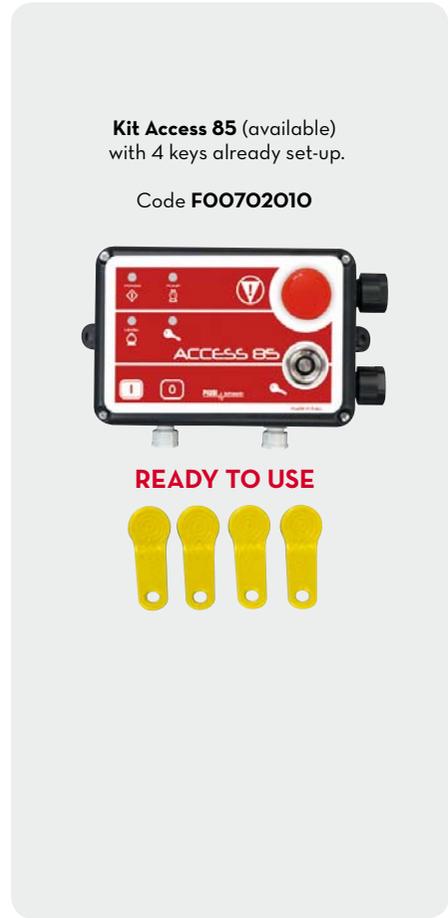
所有这些功能都可由设备管理者进行设置。

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00702000	0,7	1,5	120x140x200	4,7x5,5x7,9	1
F00702010	0,7	1,5	120x140x200	4,7x5,5x7,9	1





ON REQUEST



Manager Key red

Composed by 1 Manager red key
Code **R12496000**



User key

Composed by 10 User yellow key
Code **R15904000**



Level control

Code **F17121000**

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	User	User key	AC V./Hz	Voltage	
						Power Watt	Amp. max.
F00702000	Access 85	B D G O K	85	NO	230	3,5	6
F00702010	Kit Access 85	B D G O K	85	4	230	3,5	6



FLUID MONITORING OCIO

EN. Continuous tank level monitoring. OCIO detects the static pressure generated by the fluid height by means of a tube inserted into the tank and displays the fluid level or volume.

The system consists of:

- A tube for detecting static pressure: The tube end is inserted from the top of the tank and lowered down into the liquid until it touches the bottom.
- A control unit for displaying the level and managing the system. The unit is equipped with an intuitive, complete software and permits the connection of two alarm or lock devices.

The software is used to:

- Set tank type and dimensions
- Define alarm levels
- Define indication level
- Define measurement unit
- Calibrate the instrument

Depending on the set alarm levels, the control unit activates or deactivates the contact by acting as a remote switch for starting the alarms or cutting power to the connected equipment.

Maximum measurable height: 4 m.

Probe tube length: 10 m.

ZH. 油箱液面的连续监控系统。

OCIO通过油箱内的一根气管来探测由液体高度所产生的静态压强检测液位，并在面板上液面高度或容积。

系统由以下部分构成：

- 静压探测管。探测管的头部从油箱顶部插入油箱并抵达油箱底部。
- 一个显示和管理液面的控制单元。单元包括一套直观完整的软件，可连接两个警报或锁定装置。

通过软件可实现：

- 确定油箱类型和尺寸
- 设定报警的液面高度
- 定义液面高度指示
- 定义计量单位
- 调校仪器

按照设定的警报液面高度，控制单元会激活远程开关警报装置或切断连接油泵的电源。

最高可测量高度：4米

探测管长度：10米

探测精度：1%



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0075510D	2,2	4,8	300x410x100	11,8x16,1x3,9	1
F0075511D	2,2	4,8	300x410x100	11,8x16,1x3,9	1
F00755140	2,2	4,8	300x410x100	11,8x16,1x3,9	1
F00755160	2,2	4,8	300x410x100	11,8x16,1x3,9	1

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Viscosity
up to
30 cSt

Accuracy
+/-
1%*

* End of scale



PIUSI

DISPENSERS

PUMPS

METERS

NOZZLE METERS

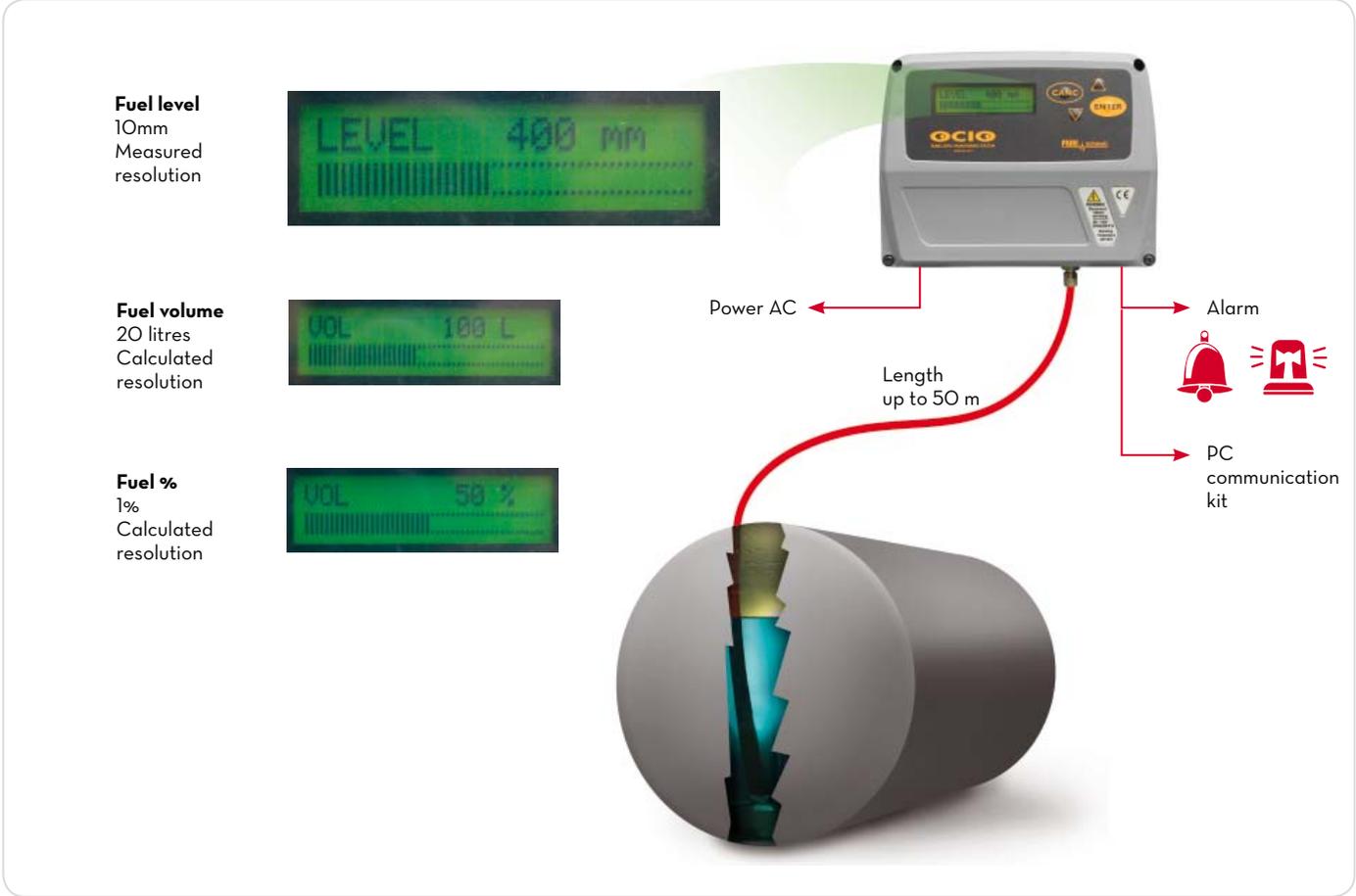
NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



ON REQUEST



Hose length 3 mt
Ø 12 mm
Code **F12939000**



FEATURES



Made in stainless steel

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Viscosity cSt	Voltage		RS exit
				AC V/Hz	Power Watt	
F0075510D	Level indicator OCIO LV / RS output	A B D O W W	up to 30	230/50	20	available
F0075511D	Level indicator OCIO LV / RS output 120 V	A B D O W W	up to 30	120/60	20	available
F00755140	OCIO Urea	U	Urea	230/50	20	available
F00755160	Level indicator OCIO LV / 4/20 mA output	A B D O W W	up to 30	230/50	20	available



FLUID MONITORING OCIO DESK SOFTWARE

EN. OCIO is available with direct PC connections. By means of an interface you can connect up to 12 OCIO level gauges and send data direct via cable to a PC up to 1,000 meters away.

Dedicated software has been developed to permit the storage of historic tank level data according to different criteria:

- at each time interval
- at each variation in level
- at each variation in volume.

The recorded data is displayed as a diagram showing the historical tank levels data.

Software permits configuration of each tank and alarm type.

ZH. OCIO可以与PC直接连接。通过其软件可以监控最多12个OCIO监控器。并通过最长1000m的数据线向PC传递数据。

按照不同的规范，专用软件可保存油箱内液面的历史数据。

- 每次液面变化的时间
- 每次液面的变化
- 每次容积的变化。

记录下来数据可以图表来显示油箱液面的历史记录。

软件可配置每个油箱和设置警报。

也可定义保存成外部.txt文件格式。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00755S1A	0,4	0,9	200X120X140	7,9x4,7x5,5	1
F00755S0C	1,1	2,4	200X120X140	7,9x4,7x5,5	1
F00755S2A	2,5	5,5	200X120X140	7,9x4,7x5,5	1
F00755S3A	3,1	6,8	200X120X140	7,9x4,7x5,5	1

ANTIFREEZE

BIO DIESEL

DIESEL

FOOD

GASOLINE

GREASE

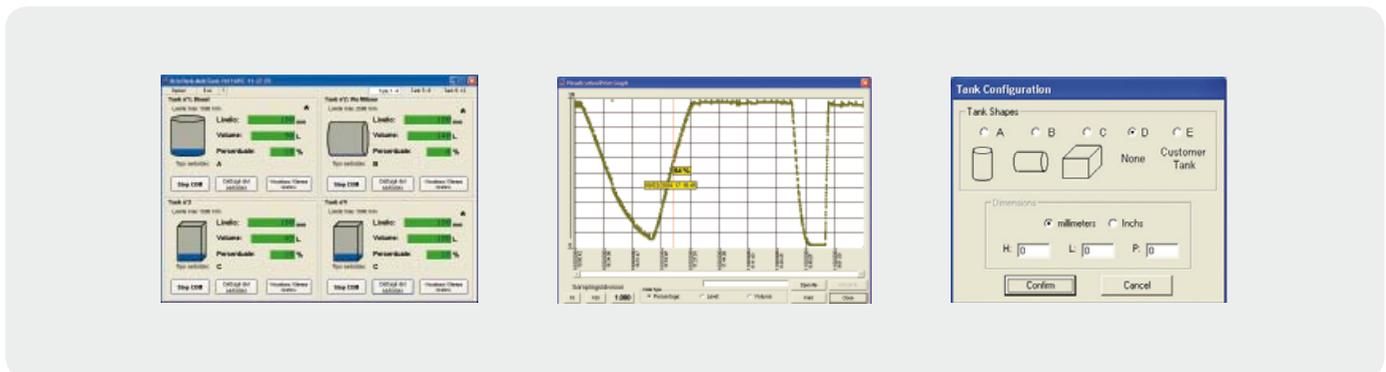
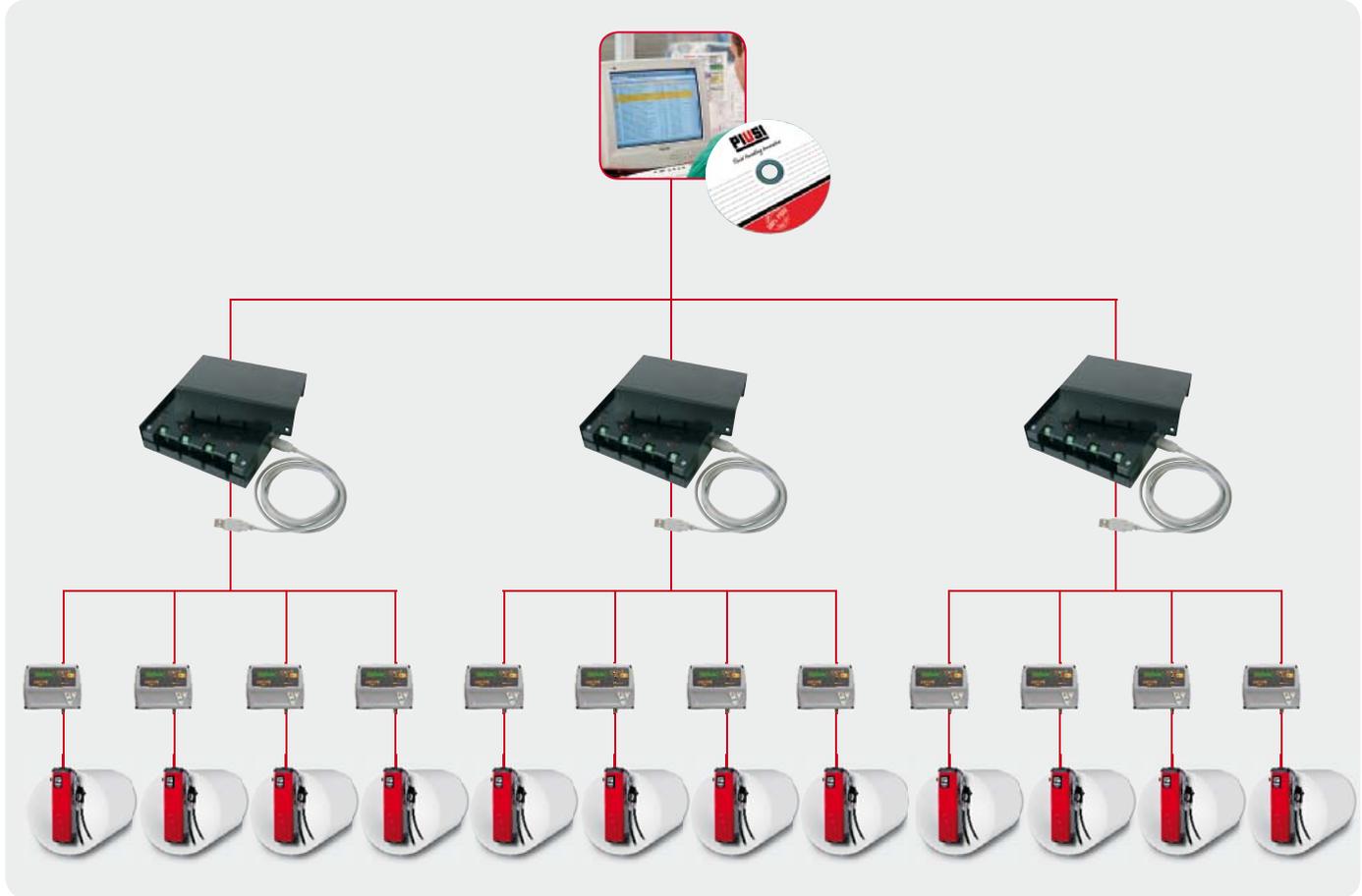
KEROSENE

OIL

UREA

WATER

WINDSCREEN



PRODUCTS' RANGE TECHNICAL DATA

Code	Description
F00755S1A	OCIO desk SINGLE TANK (software + PC interface for 1 tank)
F00755S0C	OCIO desk MULTITANK 4 (software + PC interface up to 4 tanks)
F00755S2A	OCIO desk MULTITANK 8 (software + PC interface up to 8 tank)
F00755S3A	OCIO desk MULTITANK 12 (software + PC interface up to 12 tanks)



FLUID MONITORING OCIO GSM

EN. GSM transmission of tank level.

This system responds to demand for the remote monitoring of tank levels by displaying the current situation on a telephone display or to an email address.

The transmitter with GSM modem is connected to the OCIO level indicator and via one or more expansions controls up to 8 tanks. Each tank is supplied with a level indicator connected via cable to the OCIO GSM unit or a single expansion. Configuration of the system is carried out by sending a coded message over the telephone.

ZH. 油箱液位GSM传送系统。

此系统可满足对油箱液面的远程实时监控，在电话屏幕上显示或发送到一个指定的电子邮箱。

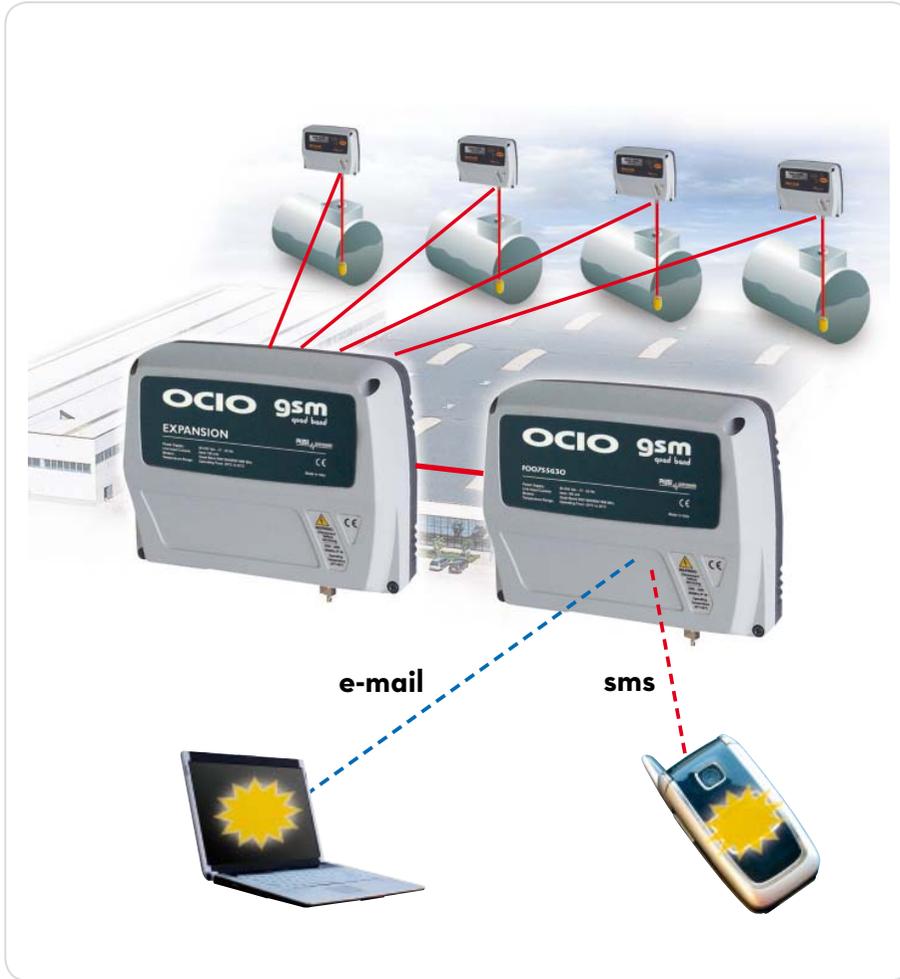
GSM调制解调发射器连接在OCIO液面指示器上，并通过一个或多个扩展部件可管理多达8个油箱。每个油箱均备有一个液面指示器，并通过电缆连接到OCIO GSM单元或到达每个扩展部件上。系统的配置是通过电话以发送编码短信的方式进行。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
FO0755G30	1,5	3,3	300x410x100	11,8x16,1x3,9	1
FO0755G20	1,5	3,3	300x410x100	11,8x16,1x3,9	1
FO0755G40	1,5	3,3	300x410x100	11,8x16,1x3,9	1

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN



To manage 1 tank



To manage up to 4 tank



To manage up to 8 tank



- OCIO GSM
- EXPANSION OCIO GSM
- OCIO LEVEL INDICATOR

ON REQUEST

Ocio Desk software



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Voltage	
			AC V/Hz	Power Watt
F00755G30	OCIO GSM Quad band	A B D O W W	110-230 / 50-60	15
F00755G20	Expansion OCIO GSM tank 2-4	A B D O W W	110-230 / 50-60	5
F00755G40	Expansion OCIO GSM tank 5-8	A B D O W W	110-230 / 50-60	5



DIESEL HOSE REEL

EN. Piusi Automatic hose reels for diesel and oil have been designed to ensure high efficiency.

The sturdy structure can guarantee best performance also in heavy duty conditions.

Features:

- Reduced pressure loss
- Corrosion resistant: structure made of stainless steel
- Easy and versatile installation through the rotating support plate and the adjustable arm positions
- Hose stop
- Safety: lateral protective covers

ZH. 柴油或油料自动卷盘。我们的设计能够减少输送过程的压力损失，简单易用，即使对典型的大流量柴油加油设备也适用。

特性:

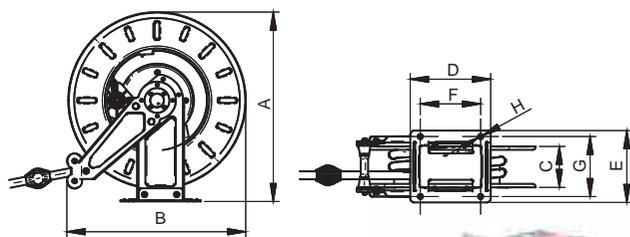
- 采用合适的流体管径，减少压力损失；
- 卷盘带有锁止机构，安全可靠，可避免手部的意外伤害。
- 卷盘油管输出臂可调，按需要进行定位。
- 可调向卷盘支架(选配)。

套件组成:

- A - 1个不带油管的自动卷盘
 输入端 1" BSP外螺纹，带旋转接头和油管接头；
 - 1个管道固定用管箍；
 - 1条管道保护弹簧；
 - 1个油管锁止挡块。
 B - 带油管和锁止挡块的自动卷盘，包括弯头和旋转接头。

DIMENSIONS

Model	A	B	C	D	E	F	G	H
HOSE REEL XL	512	470	227	200	305	160	260	12
HOSE REEL BIG	475	460	152	200	230	150	246	12
HOSE REEL SMALL	475	460	102	150	180	150	196	12



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Without hose					
F00750000	19	41,9	550x260x540	21,6x10,2x21,3	1
F00750010	18	39,7	550x260x540	21,6x10,2x21,3	1
F00750080	15	33,1	550x200x540	21,6x7,9x21,3	1
F0075018A	27	59,5	560x350x560	22x13,7x22	1
With hose					
F00750020	26	57,3	550x260x540	21,6x10,2x21,3	1
F00750030	25	55,1	550x260x540	21,6x10,2x21,3	1
F00750040	22	49,5	550x260x540	21,6x10,2x21,3	1
F00750090	19	41,9	550x200x540	21,6x7,9x21,3	1
F00750100	27	59,5	550x260x540	21,6x10,2x21,3	1
F00750190	27	59,5	560x350x560	22x13,7x22	1
F00750130	23	50,7	550x260x540	21,6x10,2x21,3	1



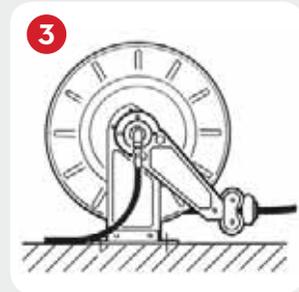
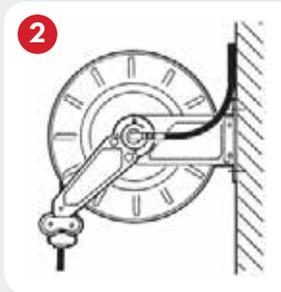
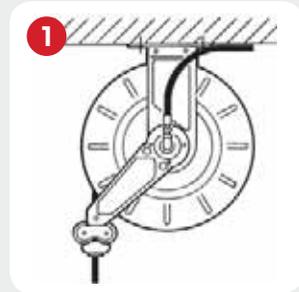
Hose reel with hose



Hose reel without hose

Hose reel installations:

1. Roof installation
2. Wall installation
3. Ground installation



Hose reel for 15 mt hose version



FEATURES

Accessories



ON REQUEST

Fix support plate



Weight 1,5 Kg
Pack: 300x410x100
Code Big: **F16298000**
Code Small: **F17316000**

Rotating support plate



Weight 3,5 Kg
Pack: 300x300x180
Code Big: **F16279000**
Code Small: **F17317000**

Junction hose



1" x 1" BSP - Length 1 m
Code: **F16367000**

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Hose (*) BSP	Max operating pressure bar	Pressure drop bar	Inlet with swivel BSP	Outlet hosedetail BSP	Hose max length bound* m	Hose length m
Without hose									
F00750000	Hosereel 3/4" BIG	D	3/4"	10	0,15 @ 60 l/min	1" male	3/4"	14	-
F00750010	Hosereel 1" BIG	D	1"	10	0,2 @ 80 l/min	1" male	1"	10	-
F00750080	Hosereel 3 /4" SMALL	D	3/4"	10	0,15 @ 60 l/min	1" male	3/4"	10	-
F0075018A	Hosereel 15 x 1" XL	D	1"	15	1 @ 80 l/min	1" female	1" male	15	-
With hose									
F00750020	Hosereel 8 x 1" BIG	D	1"	10	0,6 @ 80 l/min	1" female	1" male	-	8
F00750030	Hosereel 10 x 1" BIG	D	1"	10	0,7 @ 80 l/min	1" female	1" male	-	10
F00750040	Hosereel 10 x 3/4" BIG	D	3/4"	10	0,7 @ 60 l/min	1" female	1" male	-	10
F00750090	Hosereel 8 x 3/4" SMALL	D	3/4"	10	0,6 @ 60 l/min	1" female	1" male	-	8
F00750100	Hosereel 14 x 3/4" BIG	D	3/4"	10	0,6 @ 60 l/min	1" female	1" male	-	14
F00750190	Hosereel 15 x 1" XL	D	1"	15	1 @ 80 l/min	1" female	1" male	-	15
F00750130	Hosereel 10 x 3/4" BIG GASOLINE	D G	3/4"	15	0,7 @ 80 l/min	1" female	1" male	-	10

ACCESSORIES HOSE AND SWIVEL

Dispensing hoses



Rubber hose

PRODUCTS' RANGE

Code	Description	Pressure bar	Vacuum bar	Hose diameters		Coil lenght mt L
				A	B	
Dispensing hoses						
F0060502A	Rubber hose	10	-	20 mm	27 mm	80
F0060602A	Rubber hose	10	-	25 mm	35 mm	40

Suction hoses



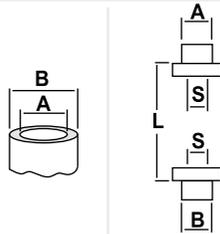
Rubber suction hose



PVC hose

Code	Description	Pressure bar	Vacuum bar	Hose diameters		Coil lenght mt L
				A	B	
Suction hoses						
F08870000	Carburex	10	- 0,9	25 mm	33 mm	50
F12120010	Rubber	10	- 0,9	25 mm	35 mm	60
F1113100A	PVC	10	- 0,9	25 mm	33 mm	30

Crimped hoses



Code	Description	Pressure bar	Vacuum bar	Hose diameters		Hose tail diameters mm S	Lenght mt L
				A	B		
Crimped hoses							
F11885000	Crimped hose	10	-	3/4" BSP	3/4" BSP	20	4
F08561000	Crimped hose	10	-	3/4" BSP	1" BSP	20	4
F08976000	Crimped hose	10	-	1" BSP	1" BSP	20	4
F12876000	Crimped hose	10	-	3/4" BSP	3/4" BSP	20	6
F11063000	Crimped hose	10	-	3/4" BSP	1" BSP	20	6
F08945000	Crimped hose	10	-	1" BSP	1" BSP	20	6
F11060000	Crimped hose	10	-	1" BSP	1" BSP	20	7
F12323000	Crimped hose	10	-	1" BSP	1" BSP	20	8
F11532000	Crimped hose	10	-	3/4" BSP	1" BSP	20	10
F12929000	Crimped hose	10	-	1" BSP	1" BSP	20	10
011904000	Crimped hose	10	-	1" BSP	1" BSP	25	1,2
F12794000	Crimped hose	10	-	1" BSP	1" BSP	25	2
F08560000	Crimped hose	10	-	1" BSP	1" BSP	25	3
F08977000	Crimped hose	10	-	1" BSP	1" BSP	25	4
F11264000	Crimped hose	10	-	1" BSP	1" BSP	25	5
F08858000	Crimped hose	10	-	1" BSP	1" BSP	25	6
F12784000	Crimped hose	10	-	1" BSP	1" BSP	25	7
F11540000	Crimped hose	10	-	1" BSP	1" BSP	25	8
F12785000	Crimped hose	10	-	1" BSP	1" BSP	25	10
F14412000	Crimped hose	10	-	1" BSP	1" BSP	25	12

Hose Kit 1" 1/2



NEW

Code	Description	Fluids type	Lenght		Max pressure		Inlet BSP	Camlock male/female BSP
			m	ft	bar	psi		
F18798000	KIT HOSE 1" 1/2	D	10	32,8	10	145	1" 1/2	1" 1/2
F18799000	KIT HOSE 1" 1/2	D	20	65,6	10	145	1" 1/2	1" 1/2

PRODUCTS' RANGE

Suction crimped hoses



Rubber hose



Spiral Rubber hose
+ foot valve with filter



Spiral PVC hose
+ foot valve with filter

Code	Description	Pressure bar	Vacuum bar	Hose diameters		Hose tail diameters mm S	Lenght mt L	Fluids type
				A	B			

Rubber hoses

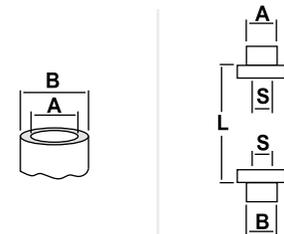
F12117000	Rubber hose	10	- 0,9	1" BSP	1" BSP	25	1	B D O
F12118000	Rubber hose	10	- 0,9	1" BSP	1" BSP	25	1,5	B D O
F12119000	Rubber hose	10	- 0,9	1" BSP	1" BSP	25	2	B D O
F13768000	Rubber hose	10	- 0,9	1" BSP	1" BSP	25	3,5	B D O
F13695000	Rubber hose	10	- 0,9	1" BSP	1" BSP	25	5	B D O

Spiral Rubber hoses

F1640400A	Spiral rubber hose + foot valve with filter	10	- 0,9	1" BSP	1" BSP	25	4	B D O
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Spiral PVC hoses

F1113200A	Spiral PVC hose + foot valve with filter	10	- 0,9	1" BSP	1" BSP	25	1,6	D O
F1113100A	Spiral PVC hose	10	- 0,9	1" BSP	1" BSP	25	30	D O
F11163801A	Spiral PVC hose	10	- 0,9	1" BSP	1" BSP	25	4	D O



Swivel

rotating hose connectors

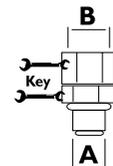


PRODUCTS' RANGE

Code	Description	Inlet/Outlet		Key
		A	B	

Swivel

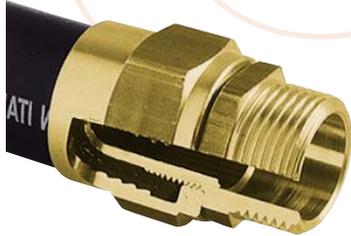
F0845600A	Swivel 12.12	M 1/2" BSP	F 1/2" BSP	25
F0062000A	Swivel 34.1	M 3/4" BSP	F 1" BSP	94
F0062200A	Swivel 1.1 MF	M 1" BSP	F 1" BSP	38
000623000	Swivel 34.1 MM	M 3/4" BSP	M 1" BSP	34
00062400A	Swivel 34.34 MF	M 3/4" BSP	F 3/4" BSP	34



ACCESSORIES COUPLING AND FITTINGS

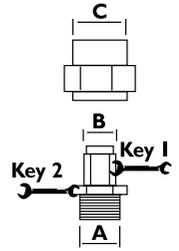


Union re-usable coupling



PRODUCTS' RANGE

Code	Description	Inlet/Outlet			Key 1	Key 2
		A BSP	B mm	C mm		
Swivel						
000890000	Union 34.27	3/4"	19	27	38	38
000891000	Union 1.27	1"	19	27	31	31
000892000	Union 1.35	1"	25	35	38	38
000893000	Union 34.32	3/4"	19	32	31	31
000894000	Union 1.32	1"	19	32	38	38
000895000	Union 1.38	1"	25	38	38	38



1



2



3



4

HQC Hose Quick Coupling



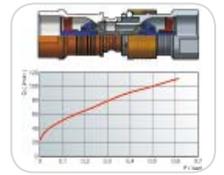
HIGH FLOW

EN. Hose quick coupling PIUSI has developed a new quick coupling that is suitable for use with diesel. In the past, quick couplings for use with diesel derived from quick couplings that were intended for use with oil, where the bores on the interior were too small for the diesel supply flow. With this quick coupling, this issue does not come into play. Here the bore has been designed to minimise resistance in the presence of high flow rates during the supply of the diesel.

1 - Fully closed position
2 - Open position
3 - Male coupling
4 - Female coupling
5 - Embossed profile: improves grip for coupling/uncoupling.

ZH. 油管快速接头 PIUSI成功研制出一种适合柴油用的新型油管快速接头。在过去，柴油用快速接头是由油料快速接头改装而成，其内部的孔道通常不足以应付柴油加注的巨大流量。这种快速接头内径均经过相信计算，在柴油加注过程中阻力降到最低。

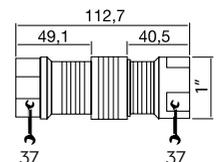
1 - 全闭位置
2 - 打开位置
3 - 公接头
4 - 母接头
5 - 突起的外形，易于连接-分离。



Moulded internal profile: reduces pressure loss.

PRODUCTS' RANGE

Code	Description	Weight	Pack.	Packaging
		Kg	pcs. no.	mm
HQC				
F00636000	HQC Hose Quick Coupling 1"	0,46	1	80x80x75

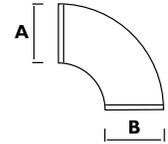


Elbows



PRODUCTS' RANGE

Code	Description	A	B	Q.ty	Key
Elbows					
F07806000		F 3/4" BSP	F 3/4" BSP	-	-
F07805000		M 3/4" BSP	F 3/4" BSP	-	-
F08609000		F 1" BSP	F 1" BSP	-	-
F07988000		M 1" BSP	F 1" BSP	-	-
F14279000	Inox	M 1" BSP	F 1" BSP	-	-



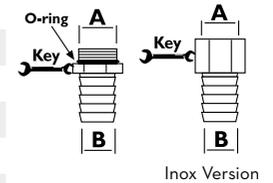
Hose tails



Inox Version

Hose tails

F0826700A		1/2" BSP	19 mm	1	27
F0643700A		3/4" BSP	19 mm	20	32
F0776800B		3/4" BSP	25 mm	20	32
F0775700A		1" BSP	19 mm	20	37
F0776400A		1" BSP	25 mm	20	37
F14122000	Inox	M 1" BSP	19 mm	1	37
F14123000	Inox	F 3/4" BSP	19 mm	1	37



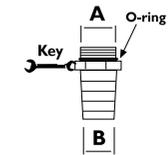
Inox Version

Rotating hose tails - Inox



Rotating hose tail - Inox

F14132000	Inox	3/4" BSP	19 mm	-	27
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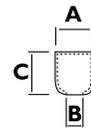


Sleeve



Sleeve

F08137000		28 mm	20 mm	-	30
F08138000		36 mm	28 mm	-	35

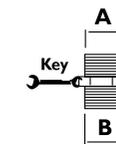


Sleeve



Sleeve

F07766000		M 3/4" BSP	M 3/4" BSP	-	27
F07765000		M 1" BSP	M 1" BSP	-	34

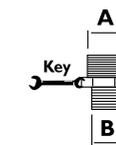


Reducing sockets



Reducing sockets

F07441000		F 1/2" BSP	M 3/4" BSP	-	30
F07762000		M 3/4" BSP	M 1" BSP	-	34
F08913000		M 1" BSP	M 1 1/2" BSP	-	50
F07760000		F 3/4" BSP	M 1" BSP	-	35
F07889000		F 1" BSP	M 3/4" BSP	-	34
008891000		F 1" BSP	M 2" BSP	-	60



Elbow rotating connector



M/1" BSP

Code **F14567000**

Sealant paste

Code	Description		Q.ty
F08173000	Light removable	g. 130	1
F10767000	Medium removable	ml. 250	1
F12278000	Heavy non removable	ml. 250	1



ACCESSORIES FLANGED CONNECTIONS

Flange

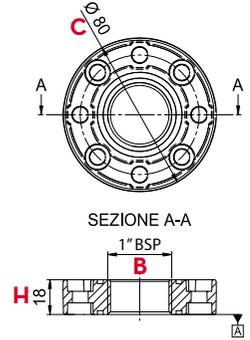


EN. Versatile for connecting different fastening bodies thanks to a special ring of shaped holes.

ZH. 独特的孔冠设计适用于各种固定管件的连接。

PRODUCTS' RANGE

Code	Description	Inlet/Outlet		
		B	C mm	H mm
F08832000	Flange	1" BSP	80	18



Flange Kit

EN. O-rings guarantee tightness without requiring sealants. Available with NPT threads.

ZH. O型圈密封，无需密封胶，NPT螺纹连接



Application examples



PRODUCTS' RANGE

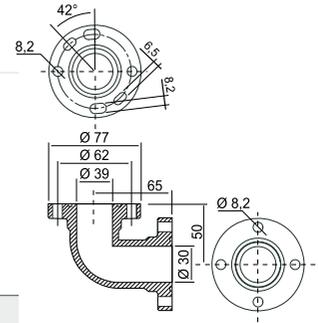
Code	Description							
		Flange	O-ring	Oval ring	Screw M8x20	Screw M8x30	Nut M8	Grub screw M8x50
		no.	no.	no.	no.	no.	no.	no.
R12904000	Kit Flange Oval ring	1	-	1	2	-	2	-
R09180000	Kit Flange O-ring	2	2	-	4	-	-	-
R1106200A	Kit Flange	1	1	-	2	-	-	-
R12906000	Kit Flange with nut	1	-	-	-	-	2	-
009779000	Kit Flange to connect meter	1	2	-	-	-	2	2
F08832000	Flange	1	-	-	-	-	-	-
R08985000	Oval ring	-	-	1	-	-	-	-
R08417000	O-ring	-	2	-	-	-	-	-
F08812000	Screw M8x20	-	-	-	10	-	-	-
F08043000	Screw M8x30	-	-	-	-	10	-	-
F19271000	Kit flange to connect filter	1	1	1	-	2	2	-

Flanged elbow



PRODUCTS' RANGE

Code	Description	Dimensions			
		O-ring	Screw M8x20	Screw M8x30	Nut M8
		no.	no.	no.	no.
R10824000	Flanged elbow	2	2	2	2



Flanged connections

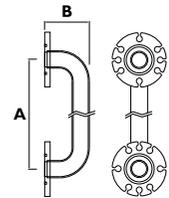
PRODUCTS' RANGE

Code	Description	Dimensions	
		A mm	B mm
R12229000	Flanged tube 130	130	67
R1222800A	Flanged tube 300	300	67
R12172000	Flanged tube 341	341	67
R13251000	Flanged tube 205	205	45
R13250000	Flanged tube 90°	121	131

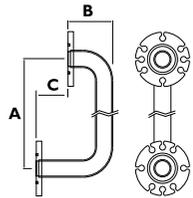
Application examples



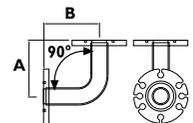
Flanged tube 130
Flanged tube 300
Flanged tube 341



Flanged tube 205



Flanged tube 90°



ACCESSORIES CONNECTORS



EN. Ideal for all types of tanks with 2" connection. Thanks to the flanged connection, all the PIUSI pumps can be easily connected to the connector without the need for sealing pastes or Teflon. Integrated easy-to-inspect filter.

The outer thread is compatible with all types of tanks with 2" inlet.

The inner thread is compatible with our telescopic hoses or other flexible suction hoses with hose connector. Vented loops or ventilation holes.

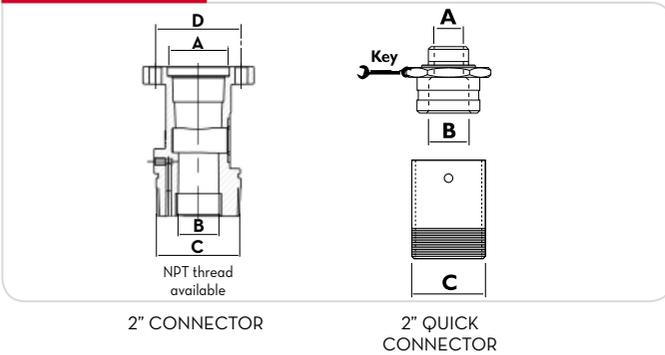
The product is available in two versions: with integrated check valve and without valve.

ZH. 是所有带2" 接头油罐的理想连接件。由于带有法兰接头，所有的（PIUSI）派优士油泵均可方便地连接到连接器上而不需使用密封胶或生料带。内置检查窗。外部螺纹与所有2" 入口的油罐兼容。

内部螺纹与我司的伸缩管和其它接管座的吸油软管兼容。防虹吸套件或通气孔。

产品备有两个型号：带或不带内置止回阀。

DIMENSIONS



PRODUCTS' RANGE DIMENSIONS

Code	DIMENSIONS		C	D	Key
	A	B			
	BSP	BSP	BSP	mm	
2" Connector					
F17163000	1"	1"	2"	62	-
F17190000	1"	1"	2"	62	-
F17163010	1"	1"	2"	62	-
2" Quick coupling					
R09160000	M 3/4"	F 1"	M 2"	1	60
R08930000	M 1"	F 1"	M 2"	1	60

2" CONNECTOR



Code F17190000

Code F17163000

Code F17163010



Safe and faster connections



2" QUICK COUPLING

Extensible pipe plastic made



Code FO8934000

Extensible steel pipe 1" BSP



Code FO8934020

Extensible suction steel kit (1800 mm) composed by:

- A. Drum connector flanged and valve
- B. Extensible steel pipe 1" BSP
- C. Steel pipe 1" BSP

Code FO8934010
Kg 3,9
Pack: 820x150x100

FEATURES



Only 2" connector

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Integrated valve	Filter	Inlet BSP	Outlet BSP	Threaded Flange BSP	Pack. pcs no.	Weight kg	Packaging mm
2" Connector										
F17163000	Drum connector with integrated valve	D G O K	YES	YES	2"	-	NO	1	0,6	133x98x85
F17190000	Drum connector without integrated valve	D G O K	NO	YES	2"	-	NO	1	0,6	133x98x85
F17163010	Drum connector with flanged and integrated valve	D G O K	YES	YES	2"	1"	YES	1	0,8	133x98x85
2" Quick coupling										
R09160000	Quick coupling 3/4"	D O	NO	NO	3/4"	1"	NO	1	0,9	133x98x85
R08930000	Quick coupling 1"	D O	NO	NO	1"	1"	NO	1	0,9	133x98x85



ACCESSORIES HAND PUMPS

EN. Hand pump, rotary and alternative pumps for drums, suitable for transferring fluids, characterised by easy installation, easy use, long term reliability and remarkably low running costs.

ZH. 手动旋转和往复式液体输送桶泵，安装方便、运作简单、耐久可靠，质优价廉。

FO031600A Double acting piston pump complete with telescopic suction tube and threaded connector on outlet.

F0031600A双作用往复活塞泵，带伸缩吸管和出口螺纹接头。

FO033200A Rotary vane pump complete with drum adaptor and suction tube.

F0033200A旋转叶片泵，带有油桶接口配件和吸液管。

FO033201A Rotary vane pump complete with drum adaptor and suction tube. Provided with threaded connector on outlet.

F0033201A旋转叶片泵，带有油桶接口配件和吸液管。带有出口螺纹接头。

FO034900A Pompa alternativa a pistone completa di pescante e attacco per fusto. Provvista di attacco per tubo in gomma.

F0034900A往复活塞泵，带有油桶接口配件和吸液管。带有橡胶管接头。

FO035100A Alternative piston pump complete with drum connection and suction tube. Provided with hose end fitting.

F0035100A往复活塞泵，带有油桶接口配件和吸液管。带有管座。

GREASE PUMPS Grease gun with tank, also suitable for cartridge operations. Flexible 300 mm end and 4 fastener head.

GREASE PUMPS油脂泵，也适用于润滑脂筒。300 mm柔性端部及4个抓扣接头。

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Hand pumps					
F0031600A	5,3	11,7	465x395x240	18,3x15,6x9,4	1
F0033200A	5,6	12,3	340x160x125	13,4x6,3x4,9	1
F0033201A	5,3	11,7	340x160x125	13,4x6,3x4,9	1
F0034900A	3,0	6,6	600x110x65	23,6x4,3x2,6	1
F0035100A	3,0	6,6	300x150x105	11,8x5,9x4,1	1
Grease pumps					
F0035200A	1,4	3,1	120x370x60	4,7x14,6x2,4	1
F0035201A	1,7	3,7	120x480x60	4,7x18,9x2,4	1
F0035202A	1,9	4,2	120x540x60	4,7x21,3x2,4	1





Cast iron rotative hand pump



Aluminium rotative hand pump



PM GPI Piston



Piston hand pump 25 l/m'



Piston hand pump 35 l/m'



Grease gun

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Displacement l/cycle	Inlet/Outlet	Suction hose lenght mm	Cartridge Ø mm	Size cartridge oz
			l/min	gpm					
Hand pumps									
F0031600A	PM GPI Piston	B D G O K	60	16	0,9	1 - 3/4" NPT	1100	-	-
F0033200A	Aluminium rotative hand pump	B D G O K	40	11	0,27	3/4" BSP	960	-	-
F0033201A	Cast iron rotative hand pump	B D O	45	12	0,25	3/4" BSP	960	-	-
F0034900A	Piston hand pump 25 l/m'	B D O	25	7	0,25	End hose Ø 20	880	-	-
F0035100A	Piston hand pump 35 l/m'	B D O	35	9	0,35	End hose Ø 20	880	-	-
Grease pumps									
F0035200A	Grease gun 500 cc	G	-	-	-	-	-	57	16
F0035201A	Grease gun 800 cc	G	-	-	-	-	-	57	28
F0035202A	Grease gun 1000 cc	G	-	-	-	-	-	57	35



FILTERING FILTROLL

EN. Double filter, triple control.

This filtering unit provides double filtering for oil and diesel fuel and absorbs any water and impurities.

The unit features a supply and suction pipe with integrated bottom valve.

Features:

Sturdy wheeled structure, Large-diameter wheels,

Flow rate 56 l/min.,

Filtering capacity - first stage 30 · with water absorption, second stage 5 · for impurities.

ZH. 双过滤器、三重控制。此过滤组件可吸收水分和杂质，适用于润滑油和柴油的过滤。设备配备进出油管，并配一体式进油过滤网。

特性：

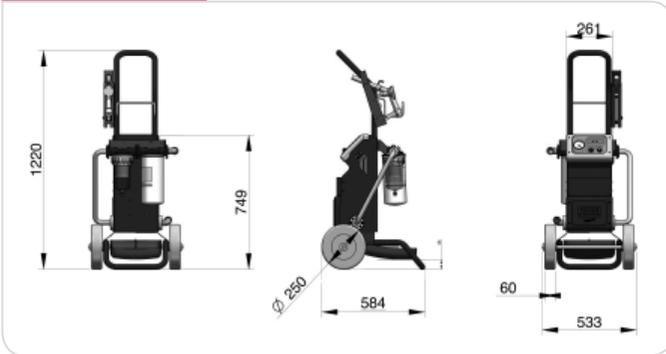
结实的车架结构，大直径车轮。

第一级过滤精度为30 μ，带吸水功能，第二级过滤精度为5 μ，用于过滤杂物。

PERFORMANCE

- Flow rate up to 56 l/min
- Two step filtration
- Continuous AC operation 230 V
- Duty cycle 30 min DC version
- 流量达56公升/分钟
- 两级过滤
- 连续运行的230 V 交流泵
- 间歇工作30分钟直流泵

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00506000	35	77,2	790x590x590	31,1x23,2x23,2	1
F00506010	42	92,6	790x590x590	31,1x23,2x23,2	1
F0050606A	40	88,2	790x590x590	31,1x23,2x23,2	1



Flow-rate

up to
56 l/min
(up to 15 gpm)



Filtroll Diesel



Filtroll Oil/Diesel

FEATURES

Two step
filtration



Diesel version

Two step
filtration



Oil/diesel version



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Pump type	Hose length	
			l/min	gpm	AC V./Hz DC Volt	Power Watt	Amp. max.		delivery m/ft	suction m/ft
F00506000	Filtroll Diesel	D	56	14.8	230/50-60	350/600	3/6	Panther 56	4 / 13,1	3 / 9,8
F00506010	Filtroll Oil/Diesel	D O	25	7	230/50	750	4,6	Viscomat 70	3 / 9,8	3 / 9,8
F0050606A	Filtroll 12V Diesel	D	56	14.8	12	300	35	Panther DC	4 / 13,1	4 / 13,1

Available in version 230 V / 60 Hz, 120 V / 60 Hz

DISPENSERS

PUMPS

METERS

NOZZLE
METERS

NOZZLE

SPECIAL
EQUIPMENTS

FLUID
MONITORING

ACCESSORIES

FILTERING

FILTERING FILTERS

WATER CAPTOR

EN. Cartridge filters and water absorbing filters.

Water separating filter. The delivery filter is a water absorbing cartridge. These filters guarantee the fundamental protection of motors using station dispensed diesel. This type of filter separates and absorbs any water present in the pumped diesel. The absorption of water however gradually causes a reduction in filtering capacity and consequently increases head loss caused by the filter. All waterlogged filters should be replaced.

Performance:

Filtering capacity 30 μ
Flow rate 70 - 150 l/min
Operating pressure 3.5 bar
Bursting pressure 10 bar

ZH. 油水分离滤芯

带油水分离功能滤芯。

该过滤器对通过加油站进行柴油进行过滤，对发动机是重要保护。该过滤器能分离吸收柴油中可能存在水分。水分的吸收有可能会造成流量降低，并降低油泵的扬程。充满水分滤芯必须及时更换。

性能：

30 μ过滤能力
- 流量70 - 150公升/分钟
3.5巴运行压力
爆裂压力10巴

CLEAR CAPTOR

Cartridge filter with transparent container and removable inner cartridge, which can be applied on both suction and delivery. They are available with water absorbing cartridge.

The amount of impurities or water present is immediately visible in the transparent container.

Any water or impurities are cleaned out by a valve set in the bottom of the container.

滤芯有透明外罩，卸掉外罩可以拆掉滤芯，可安装在吸油或送油端。

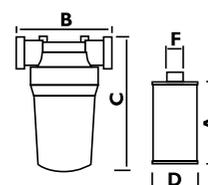
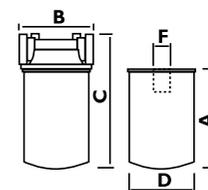
备有吸水滤芯型可选。由于透明的外罩，非常轻松地看到积存的水分和杂质。

外罩的底阀可排放积聚的水分和杂质。



PRODUCTS' RANGE WEIGHT AND PACKAGING

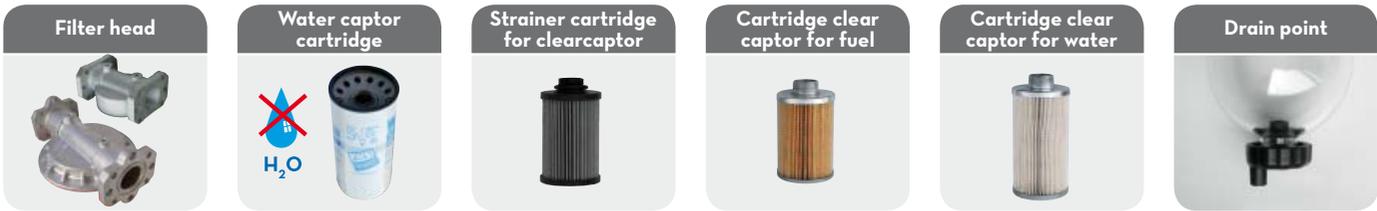
Code	Product dimensions					Packaging				
	A mm	B mm	C mm	D mm	F	Weight kg	Dimensions mm	Cartridge pcs/box	Filter head pcs/box	
Water captor										
F00611A00	-	100	280	95	-	2,4	390x285x140	2	1	
F00611A10	-	171	340	120	-	2,3	390x285x140	1	1	
F00611010	220	-	-	95	1"-12 UNF	9,8	420x320x250	12	-	
F00611020	275	-	-	120	1"1/2-16 UNF	9,7	350x350x360	6	-	
F14640000	-	100	-	-	1"-12 UNF	-	357x357x275	-	50	
F15743000	-	171	-	-	1"1/2-16 UNF 1"1/4 BSP	0,9	200x120x240	-	1	
Clear captor										
F00611B00	-	171	270	-	-	2,3	390x285x140	2	1	
F00611B10	-	171	270	-	-	2,0	390x285x140	2	1	
F00611B60	-	171	270	-	-	2,3	390x285x140	1	1	
F00611030	110	-	-	75	1" BSP M	1,9	190x190x240	6	-	
F00611040	155	-	-	75	1" BSP M	1,2	190x190x240	6	-	
F00611060	110	-	-	75	1" BSP M	0,2	190x190x240	1	1	
F15744000	-	171	-	-	1" BSP F	1,0	200x120x240	-	1	



Flow-rate
up to
150 l/min
(up to 39,6 gpm)



ACCESSORIES



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Inlet/Outlet BSP	Water absorbing	Efficiency β	Micro μ m	Pressure bar
			l/min	gpm					
Water captor									
F00611A00	70 l/min gas with head	D G	70	18,5	1"	YES	200	30	3,5
F00611A10	150 l/min gas with head	D G	150	39,6	1"	YES	200	30	3,5
F00611010	Cartridge 70 l/min water separator	D G	70	18,5	-	YES	200	30	3,5
F00611020	Cartridge 150 l/min water separator	D G	150	39,6	-	YES	200	30	3,5
F14640000	Filter head UNF 70 l/min		-	-	1"	NO	-	-	-
F15743000	Filter head 100 l/min		-	-	1"	NO	-	-	-
Clear captor									
F00611B00	Clear Captor filter	B D G	100	26,4	1"	NO	2	5	5
F00611B10	Clear Captor water filter	B D G	70	18,5	1"	YES	200	30	5
F00611B60	Clear Captor strainer	B D G	100	26,4	1"	NO	2	125	5
F00611030	Clear Captor cartridge	B D G	100	26,4	-	NO	2	5	-
F00611040	Clear Captor water filter cartridge	B D G	70	18,5	-	YES	200	30	-
F00611060	Clear Captor strainer cartridge	B D G	100	26,4	-	NO	2	125	-
F15744000	Filter head Clear Captor		-	-	1"	NO	-	-	-

FILTERING FILTERS

BIO-FUEL FILTER

EN. Cartridge filters and water absorbing filters.

Water separating filter. The delivery filter is a water absorbing cartridge. These filters guarantee the fundamental protection of motors using station dispensed diesel. This type of filter separates and absorbs any water present in the pumped diesel. The absorption of water however gradually causes a reduction in filtering capacity and consequently increases head loss caused by the filter. All waterlogged filters should be replaced.

Performance:

Filtering capacity 30 μ
Flow rate 70 - 150 l/min
Operating pressure 3.5 bar
Bursting pressure 10 bar

ZH. 生物燃油滤芯

带油水分离功能的滤芯。
该滤芯能够对发动机提供良好的保护。该滤芯能够吸收泵送的柴油中存在水分并过滤杂质。水分的吸收有可能会造成流量降低，并降低油泵扬程。充满水分的滤芯必须及时更换

性能：
30 μ过滤能力
- 流量70 - 150公升/分钟
运行压力3.5巴
爆裂压力10巴

FILTER FOR FUEL AND OIL

Cartridge filter.

Line filters with SPIN-ON cartridges are suitable for use on both the suction and flowback side of hydraulic or lubricating systems. They are available with 3/4" and 1" fittings.

Performance:

Filtering capacity 10 μ
Operating pressure 12 bar max

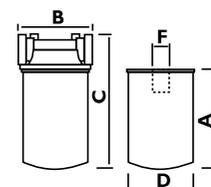
燃油及润滑油滤芯

该旋装式滤芯可安装在吸油端或出油端。有G1" 和G3/4" 两种接口可选

性能：
10 μ过滤能力
12巴最高运行压力

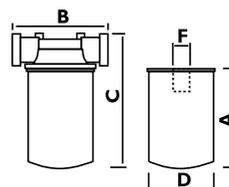
PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Product dimensions					Packaging			
	A mm	B mm	C mm	D mm	F	Weight kg	Dimensions mm	Cartridge pcs/box	Filter head pcs/box
Filter for Biofuel									
F00611C00	-	100	275	95	-	2	390x285x140	2	1
F00611C10	-	171	340	130	-	1,9	390x285x140	1	1
R14861000	220	-	-	95	1"-12 UNF	-	-	1	-
R14862000	275	-	-	130	1 1/2"-16 UNF	-	-	1	-
F14640000	-	100	-	-	1"-12 UNF	-	-	-	50
F15743000	-	171	-	-	1 1/2"-16 UNF 1 1/4" BSP	-	-	-	1



Filter for Fuel and Oil

F0777200A	-	100	160	98	-	1	200x120x140	1	1
F0914900A	-	171	236	132	-	2,6	390x285x140	1	1
F09149020	-	171	236	132	-	2,6	390x285x140	1	1
F00611000	145	-	-	98	3/4" BSP	-	-	1	-
F09359000	180	-	-	132	1 1/4" BSP	-	-	1	-
F09359010	180	-	-	132	1 1/4" BSP	-	-	1	-
F14528000	-	100	-	-	3/4" BSP	-	-	-	1
F15743000	-	171	-	-	1 1/2"-16 UNF 1 1/4" BSP	-	-	-	1
F16483010	139	-	-	93	3/4" BSP	9,2	500x300x200	15	-



Line filter

F08950000	-	-	-	-	-	-	-	-	-
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Flow-rate
up to
100 l/min
(up to 26,4 gpm)



Bio-fuel filter 70 l/min with water absorbing



Bio-fuel filter 100 l/min with water absorbing

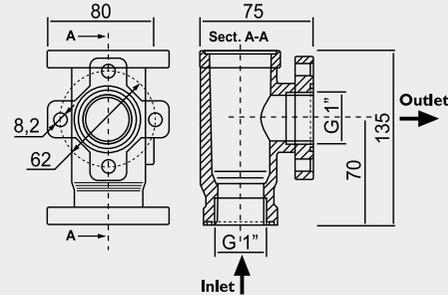


Oil and fuel filter 60 l/min



Oil and fuel filter 100 l/min

Line filter 1-1
F/F, flanged



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Inlet/Outlet BSP	Water absorbing	Efficiency β	Micro μm	Pressure bar
			l/min	gpm					
Filter for Biofuel									
F00611C00	Bio-fuel filter 70 l/min 1" x 1"	B C	70	18,5	1"	YES	200	10	3,5
F00611C10	Bio-fuel filter 100 l/min 1" x 1"	B C	100	26,4	1"	YES	200	10	3,5
R14861000	Cartridge 70 l/min Bio-fuel	B C	70	19,5	-	YES	200	10	3,5
R14862000	Cartridge 100 l/min Bio-fuel	B C	100	26,4	-	YES	200	10	3,5
F14640000	Filter head UNF 70 l/min		-	-	1"	NO	-	-	-
F15743000	Filter head 100 l/min		-	-	1"	NO	-	-	-
Filter for Fuel and Oil									
F0777200A	60 l/min filter with head	B D G O	60	15,9	1"	NO	2	10	12
F0914900A	100 l/min filter with head	B D G O	100	26,4	1"	NO	2	10	12
F09149020	100 l/min filter with head	B D G O	100	26,4	1"	NO	2	5	12
F00611000	Cartridge 60 l/min	B D G O	60	15,9	-	NO	2	10	12
F09359000	Cartridge 100 l/min	B D G O	100	26,4	-	NO	2	10	12
F09359010	Cartridge 100 l/min	B D G O	100	26,4	-	NO	2	5	12
F14528000	Filter head 3/4 BSP 60 l/min	B D G O	-	-	1"	NO	-	-	-
F15743000	Filter head 100 l/min	B D G O	-	-	1"	NO	-	-	-
F16483010	PIUSI BOX cartridge 60 l/min (15 pcs)		60	15,9	-	NO	2	10	12
Line filter									
F08950000	Line filter		-	-	1"	NO	-	-	-



FILTERING FOOT VALVE

EN. Vantage Valve.

A new concept of foot valve, for fuel suction tubes on machinery.

Specifications:

- Mesh filter for diesel fuel residues.
- Clear indications of opening and closing for higher safety and environmental concerns.
- Made of strong anti-shock plastic material to avoid damage to the machinery.
- Low pressure drop.
- Quick locking/unlocking.

ZH. Vantage 阀。

用在设备吸油口的新型滤网发

技术特性:

- 柴油防残渣网格过滤器。
- 清晰的开启和关闭指示对更安全。
- 主体为高强度工程塑料制成，以避免碰坏机器。
- 流量损失低。
- 打开/锁闭方便快捷

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Vantage valve					
F1239905A	1,45	3,2	215x147x116	8,5x5,8x4,6	12
F1239908A	1,53	3,4	215x147x116	8,5x5,8x4,6	12
Foot valve with filter					
F00609000	2,5	5,3	180x180x170	7,1x7,1x6,7	10
F00612000	0,2	0,44	-	-	1
F15749000	1,35	3	215x147x116	8,5x5,8x4,6	12
F07978000	6,7	14,8	180x180x170	7,1x7,1x6,7	25
F08153000	0,15	0,33	-	-	1
F09170000	6,5	14,3	180x180x170	7,1x7,1x6,7	25



ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

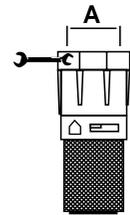
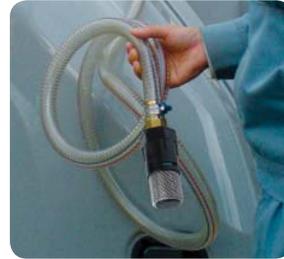
PATENTED



Vantage valve

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	A BSP	Key
Vantage valve				
F1239905A	Vantage Valve 1" BSP	DO	1"	46
F1239908A	Vantage Valve 3/4" BSP	DO	3/4"	46



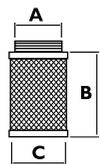
Foot valve with filter



Foot filter

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	A BSP	B mm	C mm	Key
Foot filters						
F07979000	Foot filter 1" BSP	DO	1"	45	35	1
F10571000	Foot filter 3/4" BSP	DO	3/4"	45	35	2



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Safety valve	1	2	A Ø BSP	B Ø BSP	C Ø BSP	Key	
Foot valve with filter										
F00609000	1" foot valve with filter	DO	YES	YES	YES	-	1"	-	38	-
F00612000	3/4" foot valve with filter	DO	YES	YES	YES	-	3/4"	-	31	-
F15749000	1" with built-in safety valve	DO	YES	YES		1"	-	-	-	42/46
F07978000	1" foot valve no filter	DO			YES	-	-	1"	-	-
F08153000	3/4" foot valve no filter	DO			YES	-	-	3/4"	-	-
F09170000	Higher pressure valve	DO	YES		YES	-	-	1"	-	-



GARAGE EQUIPMENT



DISPENSERS

140



PUMPS

148



METERS

156



NOZZLE METERS

174



NOZZLE

184

188

SPECIAL EQUIPMENTS



192

FLUID MONITORING



202

ACCESSORIES



204

FILTERING



208

WATER WINDSCREEN ANTIFREEZE



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



B^{DISPENSERS} BATTERY KIT OIL

EN. Portable oil transfer unit featuring 12 or 24 V DC motor pump. Rotary-self-priming pump, fuse to protect against overloads, 2-metre long cables, antistatic fuel hose, 4 metres long, 3/4" diameter, manual nozzle in aluminium, bottom filter.

ZH. 便携加油泵总成配12V或24V伏直流油泵。自吸式旋转滑片泵，防超负荷保险丝，电缆长度2米，4米长防静电油管，直径3/4"，铝质手动加油枪，进油滤网。

PERFORMANCE

- Flow rate up to 10 l/min
 - Power supply: 12 and 24 V dc
 - Suction capacity up to 2 meters
 - Duty cycle: 30 min.
- 流量达10公升/分钟
 - 电源： 直流12和24V
 - 吸取能力高达2米。
 - 最长连续工作时间：30分钟



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		pcs/box
	kg	lbs	mm	inch	
F00309060	9	19,8	360x360x300	14,2x14,2x11,8	1
F00310070	9	19,8	360x360x300	14,2x14,2x11,8	1

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Flow-rate
up to
10 l/min
(up to 3 gpm)

Viscosity
up to
600
cSt



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



FEATURES



INCLUDED



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Fuses capacity	Pump mod.	Duty cycle min.	Nozzle type	Hose		Foot filter
			l/min	gpm	AC V/Hz DC Volt	Power Watt	Amp. max.					length	Ø	
BATTERY KIT OIL														
F00309060	Battery Viscomat/12 V		10	3	12	300	22	-	Viscomat DC	30	Man.	4 m	3/4"	YES
F00310070	Battery Viscomat/24 V		10	3	24	300	18	-	Viscomat DC	30	Man.	4 m	3/4"	YES

Upon request it is available with different voltages and 60 Hz frequency



DISPENSERS DRUM VISCOMAT

EN. Diesel transfer unit for non commercial use. Easily connected to drums via a quick 2" coupling. Fitted with a telescopic suction tube for direct connection to fuel drums and nozzle housing located above the drum, near the pump, for easy, clean operations. Fitted with mechanical meters to ensure precise dispensing and control of single user consumption.

ZH. 小型柴油输送套件。
通过2"快速接口快速连接油桶。可伸缩带滤网吸油管可直接伸入油桶，在油泵附近及油桶之上带有加油枪座，使用简便并保持加油套件洁净。
配有机械计量表，可精确地进行加油计量并管理单个用户的使用状况。

PERFORMANCE

- AC and DC versions available
- Flow rate up to 25 l/min
- 有交流型和直流型可选
- 流量达25公升/分钟

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0026102D	18	39,6	480x370x265	18,9x14,6x10,4	1
F0026100D	18	39,6	480x370x265	18,9x14,6x10,4	1
F0026200D	18	39,6	480x370x265	18,9x14,6x10,4	1
F00268000	9	19,8	357x357x275	14,1x14,1x10,8	1
F00268010	9	19,8	480x370x265	18,9x14,6x10,4	1
000270000	18	39,6	480x370x265	18,9x14,6x10,4	1
000270010	21	46,3	500x380x280	19,7x15x11	1



Flow-rate
up to
25 l/min
(up to 7 gpm)

Accuracy
+/-
0,5 %

Viscosity
up to
2000
cSt



DISPENSERS



DC DRUM VISCOMAT



AC DRUM VISCOMAT

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FEATURES

ON REQUEST



Ergonomic nozzle

(DC models)



Foot valve

(DC models)



Kit cable



Ergonomic nozzle

(AC models)



Extensible pipe

(AC models)



Mechanical meter

FLUID MONITORING

ACCESSORIES

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids	Flow-rate		Voltage			Pump	Nozzle	Hoses lenght
		type	l/min	gpm	AC V./Hz	Power Watt	Amp. max.	mod.	type	
F0026102D	DRUM Viscomat 200/2 110V/60HZ	☉	9	2	110	1500	15	Viscomat 200/2	Easyoil	4
F0026100D	DRUM Viscomat 200/2 230V/50-60HZ	☉	9	2	230-50/60	800/950	3,8/4,6	Viscomat 200/2	Easyoil	4
F0026200D	DRUM Viscomat 200/2 230V/50/60HZ K400	☉	9	2	230-50/60	800/950	3,8/4,6	Viscomat 200/2	K400	4
F00268000	DRUM Viscomat 60/1 12V	☉	4	1,2	12	150	18,5	Viscomat 60/1	Easyoil	4
F00268010	DRUM Viscomat 60/1 24V K400	☉	4	1,2	24	150	18,5	Viscomat 60/1	K400	4
000270000	DRUM Viscomat 70M	☉	28	7	230	750	4,6	Viscomat 70 M	Self3000	4
000270010	DRUM Viscomat 70M K33	☉	25	7	230	750	4,6	Viscomat 70 M	Self3000	4

The units can also be supplied for operating under different voltages and with meter.

FILTERING

V DISPENSERS

ISCOTROLL AC



EN. Viscotroll. Mobile transfer unit. Can be connected to any power socket without requiring compressed air. Supplied with self-priming pump, to ensure constant silent delivery and regular no-pulse flow.

1" BSP suction tube with check valve and filter. 4 metre long, 3/4" BSP delivery pipe. Extras: Meters, Pressure switch with inbuilt safety valve.

Viscotroll 200. Mobile unit for oil transfer. The group comes equipped with a self-priming gear pump and there is also a version with a pressure switch which ensures constant silent delivery and a regular no-pulse flow. 4 meters long 1/2 " BSP delivery pipe. Flow meter. Pressure switch with incorporated safety valve.

ZH. 移动式润滑油加注车。可连接任何电源插头而无需压缩空气。配自吸泵，流量恒定保证，无流量波动，运行安静。1" BSP吸油管带底阀和过滤器。4米长3/4" BSP出油管。

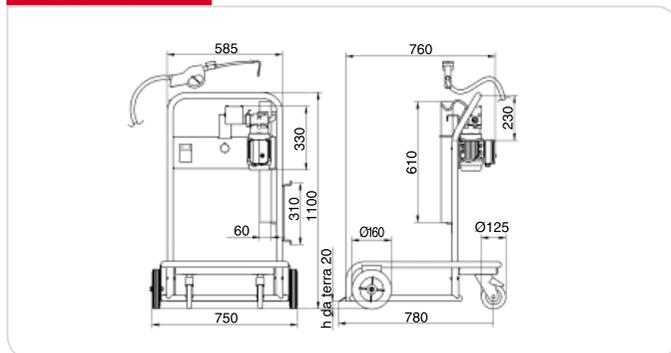
选配项：流量表和内置安全阀的压力开关。

Viscotroll 200型移动式加注车。配自吸齿轮泵，备有压力开关型可选，可保证流量恒定，无流量波动，运行宁静。4米长1/2" BSP出油管。配流量表和内置安全阀的压力开关。

PERFORMANCE

- Flow rate up to 25 l/min
- 230 V continuous AC operation
- Noise level below 70 dB
- 流量达25公升/分钟
- 230伏交流电连续运行
- 噪音低于70 dB

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		pcs/box
	kg	lbs	mm	inch	
VISCOTROLL					
000263100	34	75	1090x690x300	42,9x27,2x11,8	1
000263110	36	79,4	1090x690x300	42,9x27,2x11,8	1
VISCOTROLL 200					
F0026300D	34	75	1090x690x300	42,9x27,2x11,8	1
F0026301D	35	77	1090x690x300	42,9x27,2x11,8	1
F0026302D	36	79,4	1090x690x300	42,9x27,2x11,8	1
F0026303D	37	81,6	1090x690x300	42,9x27,2x11,8	1



Drum not included

Flow-rate
up to
25 l/min
(up to 7 gpm)

Accuracy
+/-
0,5 %

Viscosity
up to
2000
cSt



DISPENSERS



PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FEATURES



(Viscotroll 70 models)

(Viscotroll 200 models)

Code R12068010

ON REQUEST

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Viscosity cSt max.	Voltage			Meter mod.	Pump mod.	Nozzle type
			l/min	gpm		AC V./Hz DC Volt	Power Watt	Amp. max.			
VISCOTROLL											
000263100	Viscotroll 70	BDO	25	6,6	2000	230/50	750	4,6	-	Viscomat vane	Self 3000
000263110	Viscotroll 70/K33	BDO	25	6,6	2000	230/50	750	4,6	K33	Viscomat vane	Self 3000
VISCOTROLL 200											
F0026300D	Viscotroll 200/2 AC	BDO	9	2,4	2000	230/50	800	3,8	-	Visco-flowmat	Easyoil
F0026301D	Viscotroll 200/2 AC - K400	BDO	9	2,4	2000	230/50	800	3,8	K400	Visco-flowmat	Easyoil
F0026302D	Viscotroll 200/2 AC - PST	BDO	9	2,4	2000	230/50	800	3,8	-	Visco-flowmat	Easyoil
F0026303D	Viscotroll 200/2 AC - PST - K400	BDO	9	2,4	2000	230/50	800	3,8	K400	Visco-flowmat	Easyoil

Upon request it is available with different voltage and frequency

FLUID MONITORING

ACCESSORIES

FILTERING

V DISPENSERS

ISCOTROLL DC



EN. Independent mobile unit without using compressed air or power mains, for oil dispensing anywhere. Trailer mounted support for moving the drums. Self-priming pump with 12 VDC motor, protection rating IP 55.

ZH. 直流型加油车，无需压缩空气，可在任何有电源插头的场所使用。安装在油桶推车上。带直流12V自吸泵，防护等级IP55。

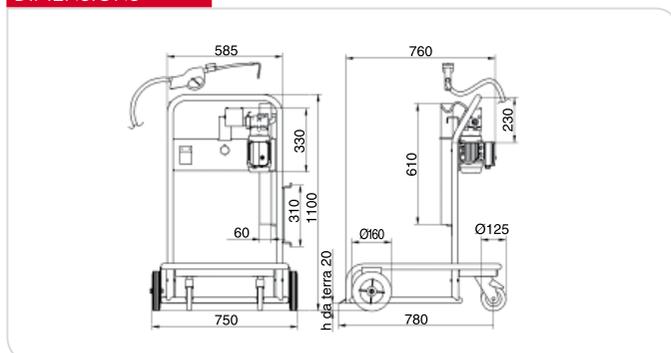
选配项：
椭圆齿轮流量表。

Options:
Flow meter with oval gears.

PERFORMANCE

- Flow rate up to 6 l/min
 - Accuracy +/- 0,5 %
 - Viscosity up to 2000 cSt
 - Noise level below 65 dB
 - Engine power supply voltage 12 Vdc
 - Switching on/ off of automatic pump with pressure switch
- 流量可达6L/min
 - 计量精度+/- 0.5 %
 - 油品粘度高达2000 cSt
 - 噪音在65 dB以下。
 - DC12V直流油泵
 - 压力开关自动控制油泵启动/关闭

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
VISCOTROLL 120/1					
F00263200	57	125,7	1090x690x320	42,9x27,2x12,6	1
F00263210	58	125,9	1090x690x320	42,9x27,2x12,6	1
F00263220	58	125,9	1090x690x320	42,9x27,2x12,6	1

Flow-rate
up to
6 l/min
(up to 1,6 gpm)

Accuracy
+/-
0,5 %

Viscosity
up to
2000
cSt



DISPENSERS



Drum
not
included

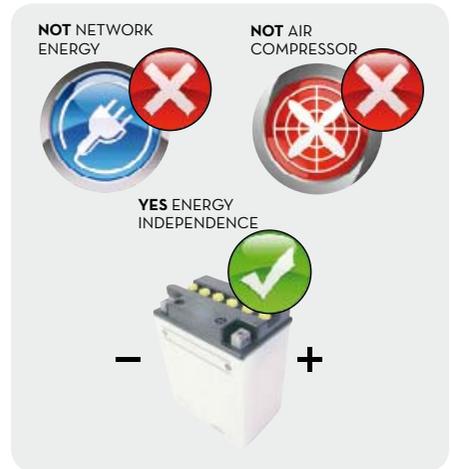
Optional:
flow meter
with oval gear

Viscotroll DC



PUMPS

METERS



NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FEATURES



Gear pump



Adjustable bypass valve



On demand dispensing



Battery charger

ON REQUEST



Battery



Troll

Code R12068010

FLUID MONITORING

ACCESSORIES

FILTERING

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Battery charger Volt	Viscosity cSt max.	Voltage			Meter mod.	Pump mod.	Nozzle type
			l/min	gpm			AC V/Hz	DC Volt	Power Watt			
F00263200	Viscotroll 120/1 DC pst.	☐	6	1,6	230	2000	12	360	30	K400	Viscomat DC	Easyoil
F00263210	Viscotroll 120/1 DC pst. K400	☐	6	1,6	230	2000	12	360	30	K400	Viscomat DC	Easyoil
F00263220	Viscotroll 120/1 DC pst. K400 100V/120V	☐	6	1,6	120	2000	12	-	-	K400	Viscomat DC	Easyoil

V AC PUMPS ISCOMAT VANE



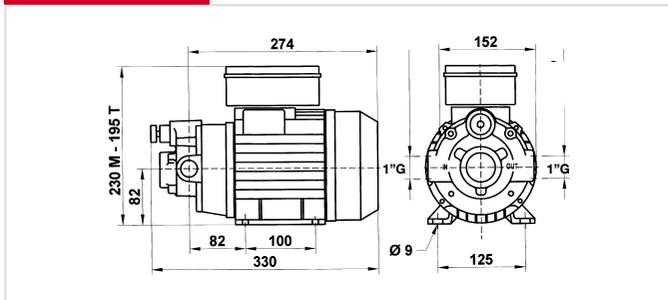
EN. Electric vane pump for pumping fluids of a viscosity up to 500 cSt. Continuous operations, with elevated suction, up to 6 bar pressures. Noise levels below 70 dB. Asynchronous, closed, self-ventilating AC motor available in different voltages and frequencies. Optional closed-delivery operations thanks to inbuilt adjustable by-pass in pump body. Sintered steel rotors with resin vanes. Seal on motor shaft accessible from pump side.

ZH. 粘度高达500 cSt的滑片式机油输送泵。连续运行，自吸力强，出口压力可达6巴。噪音在70 dB以下。备有不同的电压和频率异步交流电机可选，由于泵体内置的可调旁通功阀，可以闭合送油口的方式运行。烧结钢质转子和树脂叶片。油泵侧安装油封。

PERFORMANCE

- Flow rate up to 50 l/min
- Continuous AC operation.
- Viscosity up to 500 cSt
- 流量达50公升/分钟
- 交流电机可连续工作
- 粘度可高达500 cSt

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
VISCOMAT 70					
F0033490A	14,1	31,1	355x185x285	14x7,3x11,2	1
F0033190A	14,1	31,1	350x200x280	13,8x7,9x11	1
VISCOMAT 90					
F00303M00	14,1	31,1	350x200x280	13,8x7,9x11	1
000303000	14,1	31,1	350x200x280	13,8x7,9x11	1



Flow-rate

up to
50 l/min
(up to 13 gpm)

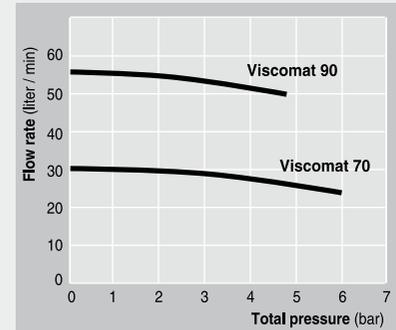
Viscosity

up to
500
cSt

PIUSI
®



Viscomat 70 M



FEATURES



ON REQUEST

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Voltage				rpm	Inlet Outlet	Adjustable bypass valve
			l/min	gpm	bar	psi	Singlephase motor V/Hz	Threephase motor V/Hz	Power Watt	Amp. max.			
VISCOMAT 70													
F0033490A	Viscomat 70 M. 230/50/60	B D O	25	7	6	85	230/50/60	-	1150	5,5	1450	1" BSP	YES
F0033190A	Viscomat 70 T. 400/50	B D O	25	7	6	85	-	400/50-60	800/1100	2,3/3,1	1450/1700	1" BSP	YES
VISCOMAT 90													
F00303M00	Viscomat 90 M. 230/50-60	B D O	50	13	5	71	230/50-60	-	1350/1600	6,5/7,8	1450/1700	1" BSP	NO
000303000	Viscomat 90 T. 400/50-60	B D O	50	13	5	71	-	400/50-60	1350/1100	3,8/3	1450	1" BSP	YES

Upon request it is available with different voltage and frequency

V AC PUMPS ISCOMAT GEAR



EN. Gear Pumps. The “Viscomat” is a family of internal profile gear pumps designed as the modern, effective solutions for various requirements of pumping oils and lubricants.

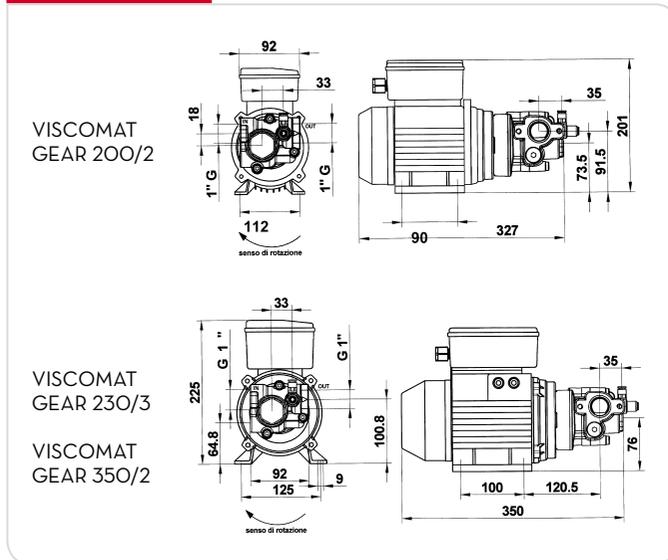
ZH. 齿轮泵。“Viscomat”系列是针对润滑油输送设计最佳齿轮油泵。

PERFORMANCE

- Viscosity up to 2000 cSt
- Flow rates 9 - 14 l/min.
- Pressures 12 - 25 bar
- Continuous AC operation.
- Noise level below 70 dB

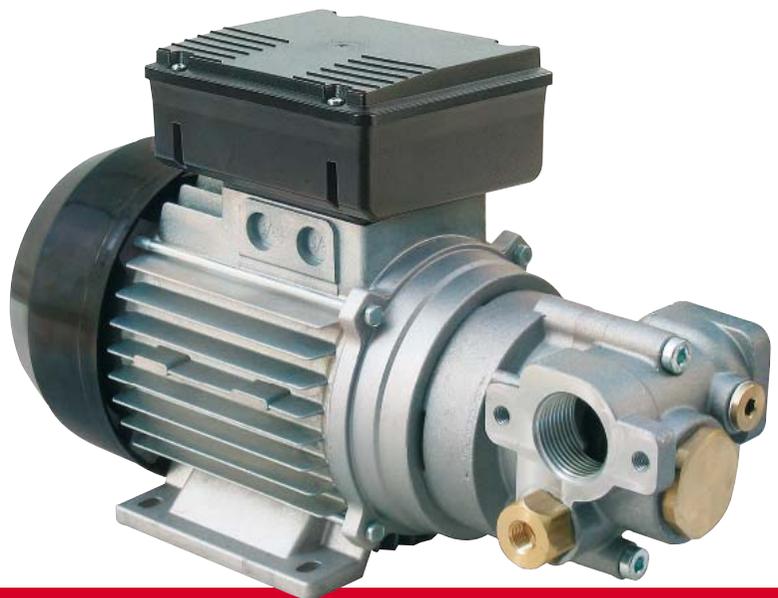
- 粘度可高达2000 cSt
- 油泵流量9到14L/min
- 出口压力12-25bar
- 交流电机壳连续运转
- 噪音在70 dB以下。

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0030403D	9	19,8	350x200x280	13,8x7,9x11	1
F0030430D	12,5	27,6	350x200x280	13,8x7,9x11	1
F0030401D	12,5	27,6	350x200x280	13,8x7,9x11	1
F0030405D	9	19,8	350x200x280	13,8x7,9x11	1
F00304T1D	12,5	27,6	350x200x280	13,8x7,9x11	1
F00304T4D	12,5	27,6	350x200x280	13,8x7,9x11	1



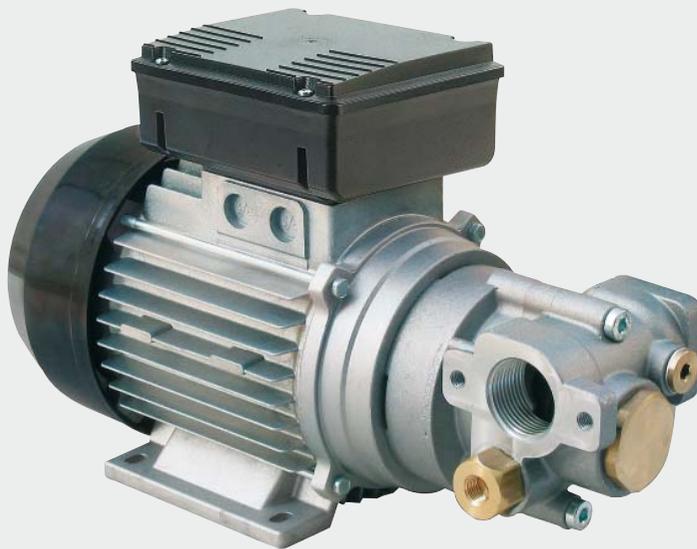
Flow-rate

up to
14 l/min
(up to 3,7 gpm)

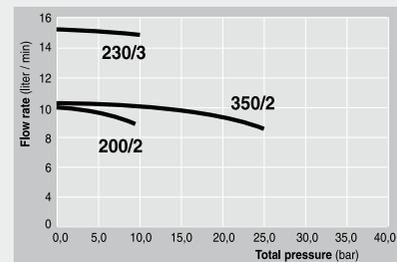
Viscosity

up to
2000
cSt

PIUSI[®]



VISCOMAT GEAR



Max suction height
- 2 m (7 Ft)
w/o no back valve
- 4 m (14 Ft)
w no back valve
- Tubo Ø 1"

FEATURES

Gear rotor



Adjustable bypass valve



Flanged connection



ON REQUEST

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Voltage			rpm	Inlet Outlet	Bypass valve
			l/min	gpm	bar	psi	Motor V/Hz	Power Watt	Amp. max.			
F0030403D	Viscomat 200/2 M. single-phase	☉	9	2,4	12	170	230/50/60	800/950	3,8/4,6	1450/1700	1" BSP	YES
F0030430D	Viscomat 230/3 M. single-phase	☉	14	3,7	16	227	230/50	1250	6	1400	1" BSP	YES
F0030401D	Viscomat 350/2 M. single-phase	☉	9	2,4	25	355	230/50	1200	6	1250	1" BSP	YES
F0030405D	Viscomat 200/2 three-phase	☉	9	2,4	12	170	400/50	550	1,5	1450	1" BSP	YES
F0030411D	Viscomat 350/2 three-phase	☉	14	3,7	12	170	400/50	750	2,5	1450	1" BSP	YES
F0030414D	Viscomat 230/3 three-phase	☉	9	2,4	25	355	400/50	750	2,7	1400	1" BSP	YES

Upon request it is available with different voltage and frequency - (*) Without Adjustable Bypass valve

VAC PUMPS ISCO-FLOWMAT



EN. Gear pumps with pressure switch. The "Viscomat" is designed to satisfy requirements of constant flow deliveries with a self-priming pump featuring automatic switch-off on the completion of delivery.

- 1 - Adjustable by pass valve.
- 2 - Auto on/off: the immediate answer.
- 3 - Adjustable max delivery pressure.
- 4 - Safety over pressure valve set at 10 bar.
- 5 - No impulse flow.

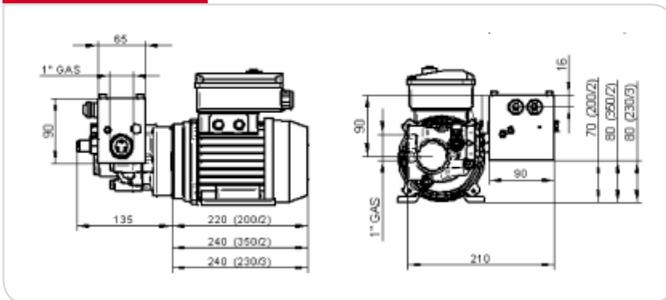
ZH. 压力开关型齿轮泵，带压力开关的 Viscomat 齿轮油泵能够在油泵在加油完毕后会自动关闭，满足了自动化要求。

- 1 - 可调旁通泄压阀。
- 2 - 自动启动/熄灭；反应实时。
- 3 - 最高压力可调。
- 4 - 旁通泄压阀设定为10巴。
- 5 - 流量压力平稳无波动。

PERFORMANCE

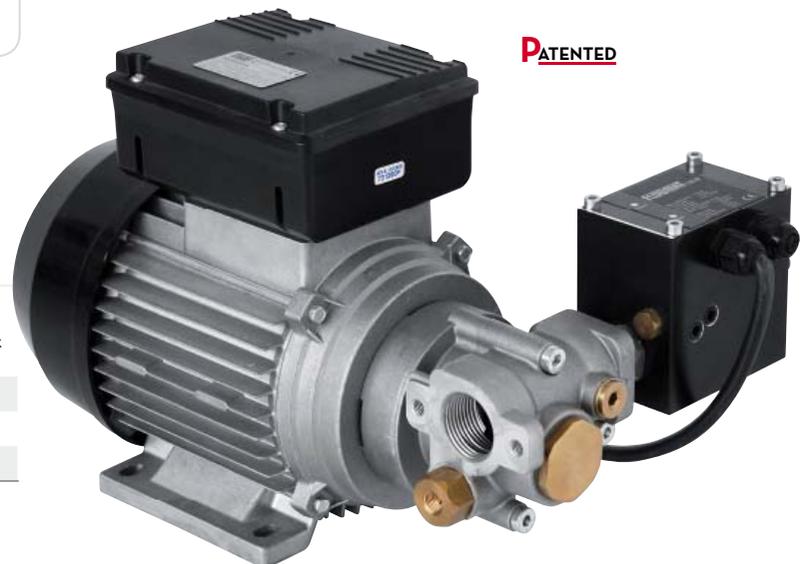
- Viscosity up to 2000 cSt
 - Constant flow rate
 - No need for compressed air
 - Flow rates 9 - 14 l/min.
 - Pressures 12 - 25 bar
 - Continuous operation.
 - Noise level below 70 dB
 - Automatic switch-on and switch-off
 - Uniform pulseless flow
 - Self-priming pump
- 粘度高达2000 cSt
 - 流量稳定
 - 无需压缩空气
 - 流量9到14L/min
 - 出口压力可达12-25bar
 - 交流电机可连续工作
 - 噪音在70 dB以下。
 - 自动启动/关闭
 - 流量稳定无波动
- 有自吸能力

DIMENSIONS



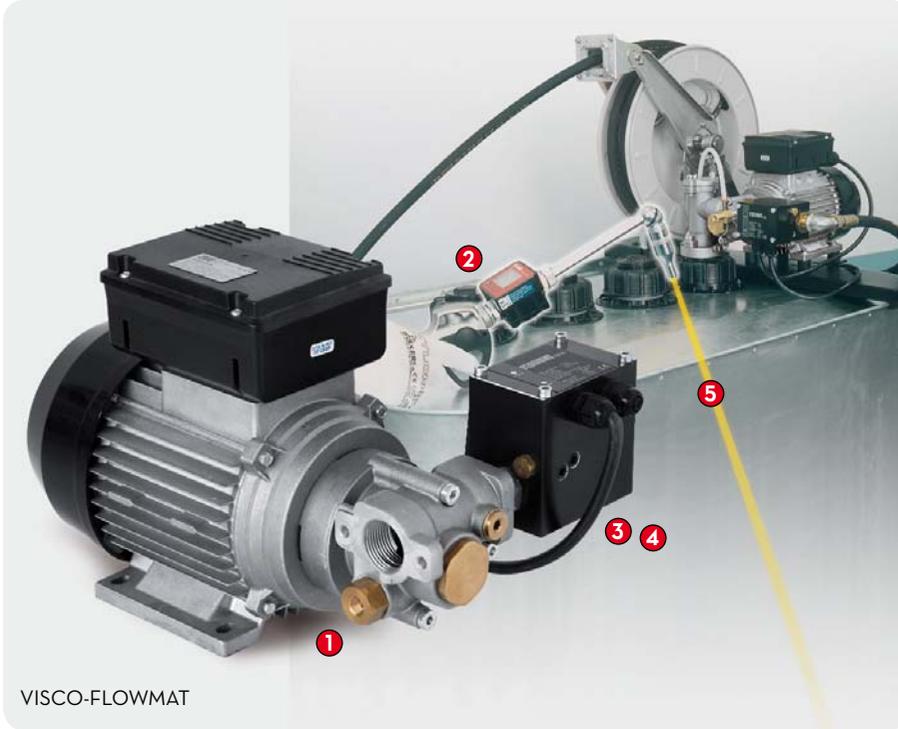
PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		mm	Packaging	
	kg	lbs		inch	pcs/box
F0030200D	12	26,5	360x360x300	14,2x14,2x11,8	1
F0030204D	15	33,1	360x360x300	14,2x14,2x11,8	1
F0030206D	15	33,1	360x360x300	14,2x14,2x11,8	1

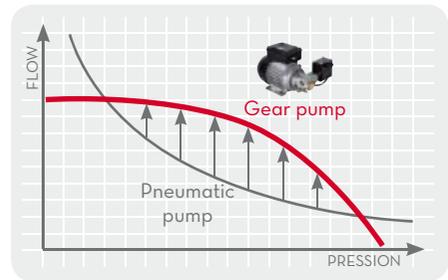
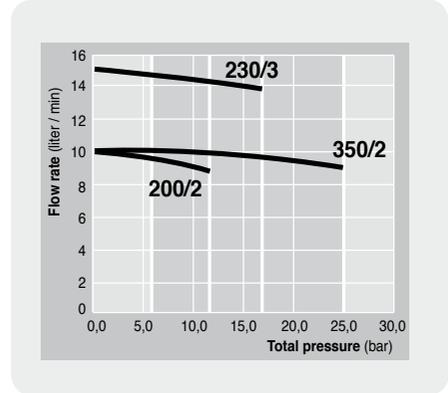


Flow-rate
up to
14 l/min
(up to 3,7 gpm)

Viscosity
up to
2000
cSt



VISCO-FLOWMAT



FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Voltage			rpm	Inlet Outlet	Bypass valve
			l/min	gpm	bar	psi	Singlephase motor V./Hz	Power Watt	Amp. max.			
F0030200D	Visco Flowmat 200/2	☉	9	2,4	12	170	230/50	800	3,8	1450	1" BSP	YES
F0030204D	Visco Flowmat 230/3	☉	14	3,7	16	227	230/50	1200	6	1450	1" BSP	YES
F0030206D	Visco Flowmat 350/2	☉	9	2,4	25	355	230/50	1250	6	1450	1" BSP	YES

Upon request it is available with different voltage and frequency

V DC PUMPS ISCOMAT DC



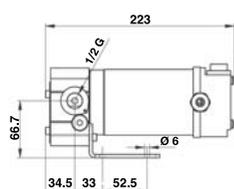
EN. DC oil pumps. A new and complete range of pumps for transferring and delivering oil, operated by direct current motors. These products are especially designed for transferring oil from drums in situations and locations where electricity or pneumatic connections are unavailable.

ZH. 直流齿轮油泵。
直流电机驱动，用于油料输送和加注。此产品用在没有交流电源和没有空气压缩空气的场地对油桶里的油料输送。

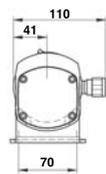
PERFORMANCE

- Flow rate 4 - 10 l/min.
 - Operating pressure: 5 bar
 - Viscosity up to 2000 cSt (Viscomat DC 60/2 max viscosity of oil 600 cSt)
 - Duty cycle: 30 min
 - Noise level below 65 dB
- 流量4到10L/min
 - 工作压力: 5巴
 - 油品粘度可达2000 cSt (Viscomat DC 60/2的油料最高粘度为600 cSt)
 - 连续工作时间: 30分钟
 - 噪音在65 dB以下。

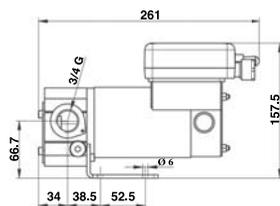
DIMENSIONS



VISCOMAT DC 60/1



VISCOMAT DC 60/2



VISCOMAT DC 120/1

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0030902A	3	6,6	200x120x140	7,9x4,7x5,5	1
F0030901A	4,9	10,8	345x175x255	13,6x6,9x10	1
F0030900A	4,9	10,8	345x175x255	13,6x6,9x10	1
F0031002A	3	6,6	200x120x140	7,9x4,7x5,5	1
F0031001A	4,9	10,8	345x175x255	13,6x6,9x10	1
F0031000A	4,9	10,8	345x175x255	13,6x6,9x10	1
F00311000	4,9	10,8	345x175x255	13,6x6,9x10	1
F00311010	4,9	10,8	345x175x255	13,6x6,9x10	1



Flow-rate
up to
10 l/min
(up to 2,8 gpm)

Viscosity
up to
2000
cSt

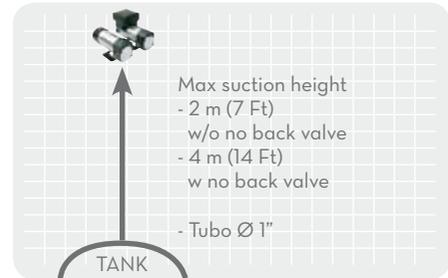
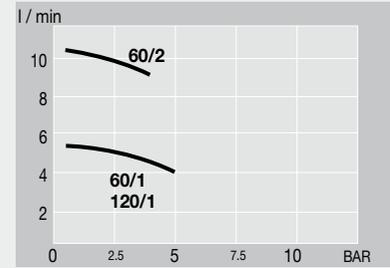


PIUSI



VISCOMAT DC 60/1

VISCOMAT DC 60/2
VISCOMAT DC 120/1



FEATURES



ON DEMAND



Code	Description	60/1 12V	60/2 12V	60/1 24V	60/2 24V	Fuse on the cable
R14437000	Kit cable 2 m (12V/24V)	YES		YES		
R10011000	Kit cable 2 m (12V)		YES			YES
R10040000	Kit cable 2 m (24V)				YES	YES
R14438000	Kit cable 4 m (12V/24V)	YES		YES		
R10041000	Kit cable 4 m (12V)		YES			YES
R10039000	Kit cable 4 m (24V)				YES	YES

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Voltage			rpm	Inlet Outlet	Press. switch
			l/min	gpm	bar	psi	DC Volt	Power Watt	Amp. max.			
F0030902A	Viscomat DC 60/1 12 V	☉	4	1,2	5	70	12	150	18,5	2900	1/2" BSP	NO
F0030901A	Viscomat DC 60/2 12 V (*)	☉	10	2,8	4	57	12	300	35	2900	3/4" BSP	NO
F0030900A	Viscomat DC 120/1 12 V	☉	5	1,4	10	140	12	200	26,5	2900	1/2" BSP	NO
F0031002A	Viscomat DC 60/1 24 V	☉	4	1,2	5	70	24	150	9,5	2900	1/2" BSP	NO
F0031001A	Viscomat DC 60/2 24 V (*)	☉	10	2,8	4	57	24	300	18	2900	3/4" BSP	NO
F0031000A	Viscomat DC 120/1 24 V	☉	5	1,4	10	140	24	200	19,5	2900	1/2" BSP	NO
F00311000	Viscomat DC 120/1 12 V PST	☉	5	1,4	10	140	12	200	22,5	2900	1/2" BSP	YES
F00311010	Viscomat DC 120/1 24 V PST	☉	5	1,4	10	140	24	200	19,5	2900	1/2" BSP	YES

(*) For Viscomat DC 60/2 max oil viscosity 600 cSt



K MECHANICAL METERS

33 - K44

EN. Mechanical meters. Designed to measure the exact quantity of dispensed liquid (fuel or lubricant) for non commercial use. Reliable, economical and easy to install and calibrate on site. Also gravity functional thanks to reduced resistance to flow.

Mod. K33, 3 digit partial totals (max 999 litres), 6 digit totals.

Mod. K44, 4 digit partial totals (max 9999 litres), 7 digit totals.

Mod. Pulsar: "Open collector" card type, frequency 10 pulses/litre, power supply 6-24 V DC, max 10 mA.

ZH. 机械流量表。专门为精确测量(燃料和润滑剂)的加油量而研制。可靠、经济且安装简便，并可在安装现场进行调校。此外，由于具备极低的流动阻力，也可以用作重力式加注计量。

型号K33，单次小计3位数码显示(最多999公升)，总数6位。

型号K44，单次小计4位数码显示(最多9999公升)，总数7位。

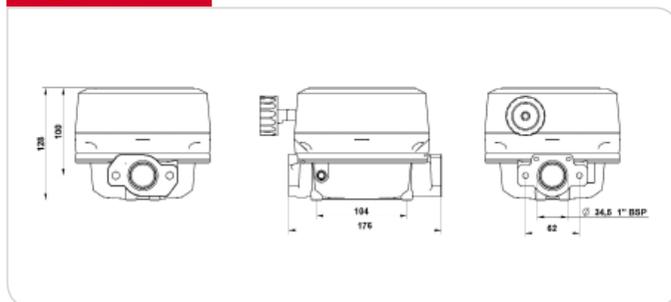
脉冲发射式型号Pulsar：“Open collector”型插件板。频率10脉冲/公升，6-24 Vdc供电，最高10 mA。

PERFORMANCE

- Flow rates 20 - 120 l/min
- Accuracy +/- 1%
- Repeatability 0.2 %
- Max. operating pressure 10 bar
- Bursting pressure 30 bar

- 流量20 - 120公升/分钟
- 计量精度+/- 1%
- 可重复性0.2%
- 最高工作压力10巴
- 爆裂压力30巴

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
000550000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000551000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000552000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000553000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000560000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000561000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000562000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000563000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000700000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000553130	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000710000	0,6	1,3	180x180x170	7,1x7,1x6,7	1
000563080	0,6	1,3	180x180x170	7,1x7,1x6,7	1
00056500A	0,6	1,3	180x180x170	7,1x7,1x6,7	1



Flow-rate
up to
120 l/min
(up to 32 gpm)

Accuracy
+/-
1%



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

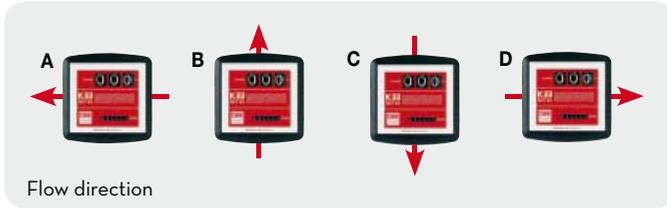


K33



K44

FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Code	Description	Flow direction	Flow-rate		Pressure		Pulser	Inlet Outlet
				l/min	gpm	bar	psi		
000550000	000550160	K33 Ver. A	←	20 - 120	5 - 32	10	142	-	1" BSP
000551000	000551160	K33 Ver. B	↑	20 - 120	5 - 32	10	142	-	1" BSP
000552000	000557000	K33 Ver. C	↓	20 - 120	5 - 32	10	142	-	1" BSP
000553000	000558000	K33 Ver. D	→	20 - 120	5 - 32	10	142	-	1" BSP
000560000	000560160	K44 Ver. A	←	20 - 120	5 - 32	10	142	-	1" BSP
000561000	000561020	K44 Ver. B	↑	20 - 120	5 - 32	10	142	-	1" BSP
000562000	000562020	K44 Ver. C	↓	20 - 120	5 - 32	10	142	-	1" BSP
000563000	000563020	K44 Ver. D	→	20 - 120	5 - 32	10	142	-	1" BSP
000700000	-	K33 Ver. A GAL/NPT	←	20 - 120	5 - 32	10	142	-	1" NPT
000553130	-	K33 Ver. D GAL/NPT	→	20 - 120	5 - 32	10	142	-	1" NPT
000710000	-	K44 Ver. A GAL/NPT	←	20 - 120	5 - 32	10	142	-	1" NPT
000563080	-	K44 Ver. D GAL/NPT	→	20 - 120	5 - 32	10	142	-	1" NPT
00056500A	-	K44 / Pulser	→	20 - 120	5 - 32	10	142	10 (38)	1" BSP"



K200 ELECTRONIC METERS AND PULSERS

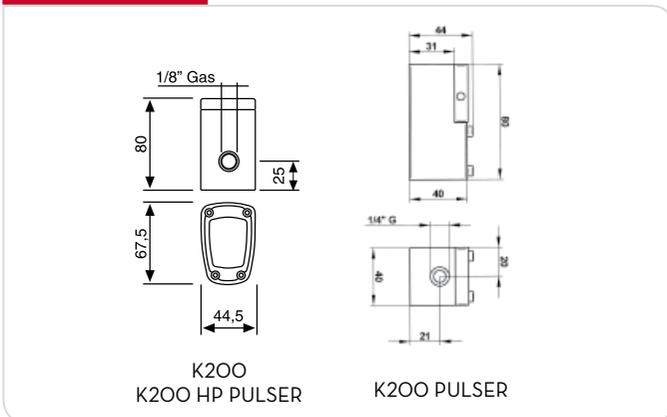
EN. Oval gear electronic flow meters in acetal resin for controlling the non commercial dispensing of low, medium and high viscosity fluids including fuel, lubricating oil and other special fluids compatible with construction materials. Body with aluminium measuring chamber. Free contact signal pulser (reed switch), single channel. 5 digit partial Total (h=11.5 mm) with floating point from 0.001 to 999.99. 8 digit non resettable Total (h=5 mm) from 1 to 99999999. Repeatability 0.2 %. Loss of pressure -0.5 bar at maximum flow rate.

ZH. 乙醛树脂椭圆齿轮电子流量计，适合于低、中、高稠度液体如燃料、润滑油及其它特种液体的小型加油站加油计量，耐腐蚀。带铝质壳体。干簧管，单信道脉冲发生器。 单次小计总数5位(h=11.5 mm)，0.001到999.99。8位总数(h=5 mm)，从1到99999999，总数不能清零。 重复性0.2%。最大流量时的载荷损失-0.5巴。

PERFORMANCE

- Flow rate up to 2.5 l/min
- Accuracy +/- 0.5%
- 流量达2.5公升/分钟
- 计量精度+/- 0.5%

DIMENSIONS



PRODUCTS RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		pcs/box
	kg	lbs	mm	inch	
METERS					
F0043012A	0,6	1,3	130x65x108	5,1x2,6x4,3	1
F0043011A	0,5	1,1	130x65x108	5,1x2,6x4,3	1
F00430140	0,5	1,1	130x65x108	5,1x2,6x4,3	1
PULSER					
000452030	0,6	1,3	130x65x108	5,1x2,6x4,3	1
000452000	0,5	1,1	130x65x108	5,1x2,6x4,3	1
000452020	0,5	1,1	130x65x108	5,1x2,6x4,3	1

Flow-rate
up to
2,5 l/min
(up to 0,66 gpm)

Accuracy
+/-
0,5 %



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



K200



K200 HP PULSER



K200 PULSER

FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pulser		Pressure		Battery included No. 2 2 x 1,5 V	Inlet Outlet
			l/min	gpm	p/l	p/gal	bar	psi		
METERS										
F0043012A	K200 ml/l	A B D O	0,1 - 2,5	0,03 - 0,66	-	-	500	7200	YES	1/8" BSP
F0043011A	K200 gr/kg	B D O G	0,1 - 2,5	0,03 - 0,66	-	-	550	7200	YES	1/8" BSP
F00430140	K200 oz/lb	B D O G	0,1 - 2,8	0,03 - 0,66	-	-	550	8000	YES	1/8" NPT
PULSER										
000452030	K200 HP PULSER	B D O G	0,1 - 2,5	0,03 - 0,66	1400	5306	1000	14500	NO	1/8" BSP
000452000	K200 PULSER	B D O	0,1 - 2,5	0,03 - 0,66	1400	5306	30	426	NO	1/4" BSP
000452020	K200 PULSER NPT	B D O	0,1 - 2,8	0,03 - 0,66	1400	5306	30	426	NO	1/4" NPT

Upon request available in NPTF version and Display in Gallon/Quarter or Pint



K400 ELECTRONIC METERS AND PULSERS

EN. Oval gear electronic flow meters and oval gear pulser flow meters for controlling the dispensing of lubricating oils and diesel. Body with aluminium measuring chamber. The operating principle of the oval gears allows for a high degree of accuracy when measuring and reduced loss of pressure. The new K400 can be used either in-line on hoses, or on the nozzle, for instantaneous measuring of the fluid dispensed.

ZH. 电子脉冲式流量计，计量元件为椭圆齿轮，用于润滑剂和柴油的加注计量。流量计外壳材料为铝合金。椭圆齿轮的工作原理可以让计量精度高，压力损失小。全新的K400型既可安在油管上也可装在油枪上，以方便对加注流体进行实时计量。

PERFORMANCE

- Standard AAA-size batteries
 - Bursting pressure: 200 bar
 - Easy inspection and maintenance
 - Working pressure 70 bar
 - Aluminium body, Rubber protector
 - Oval gear in acetal resin
 - 5 figure partial display(Resettable), 7 figure total
 - Loss of pressure <0.5 bar
 - Flow rate up to 30 l/min
 - Accuracy +/- 0,5 %
 - Repeatability: 0.2 %
 - Viscosity 2 - 2000 cSt
- 标准AAA电池
 - 爆裂压力200bar
 - 检查和维护方便
 - 运作压力70bar
 - 铝质壳体， 外配橡胶保护套
 - 乙醛树脂椭圆齿轮
 - 5位(可重设)显示器， 7位总数。
 - 载荷损失 <0.5巴
 - 流量达30公升/分钟
 - 计量精度+/- 0.5 %
 - 重复性0.2%
 - 油品粘度从2到2000 cSt

REGISTERED DESIGN



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00484000	0,5	1,1	298x198x113	11,7x7,8x4,4	12
F00484010	0,5	1,1	298x198x113	11,7x7,8x4,4	12
F00440200	0,5	1,1	300x160x110	11,8x6,3x4,3	8

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Flow-rate
up to
30 l/min
(up to 7,9 gpm)

Accuracy
+/-
0,5 %



PIUSI

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

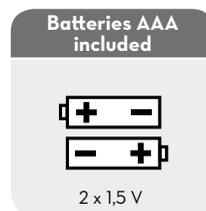


K400



K400 PULSER

FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pulser		Pressure		Battery included AAA no. 2 2 x 1,5 V	Inlet	Outlet
			l/min	gpm	p/l	p/gal	bar	psi			
F00484000	K400 BSP	B D O	1 - 30	0,26 - 7,8	-	-	70	994	YES	1/2"BSP	1/2"BSP
F00484010	K400 NPT	B D O	1 - 30	0,26 - 7,8	-	-	70	994	YES	1/2"NPT	1/2"NPT
F00440200	K400 PULSER	B D O	1 - 30	0,26 - 7,8	100	379	70	994	NO	1/2"BSP	1/2"BSP

Upon request available in NPTF version and Display in Gallon/Quarter or Pint



ELECTRONIC METERS NEXT/2

EN. Oval gear electronic flow meters in acetal resin for controlling non-commercial dispensing of low, medium and high viscosity fluids including fuels, lubricating oils and other special fluids compatible with construction materials. Body with aluminium measuring chamber.

ZH. 乙醛树脂椭圆齿轮电子流量计，适合于低、中、高粘度液体如燃料、润滑油及其它特种液体的输送计量。耐腐蚀。铝制外壳。

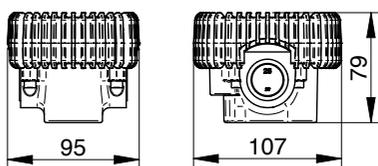
小计显示5位数码(h=11.5 mm)，0.001到999.99。
不可清零总计8位(h=5 mm)数码，1到99999999。
小计可清零。

5-digit partial total (h=11.5 mm) with floating point from 0.001 to 999.99
8-digit non-resettable total (h=5 mm) from 1 to 99999999.
Resettable total.

PERFORMANCE

- Repeatability 0.2%
 - Loss of pressure <0.5 bar at maximum flow rate
 - Flow rate up to 60 l/min
 - Accuracy +/- 0.5%
 - Maximum operating pressure 70 bar
 - Bursting pressure: 140 bar
- 可重复性0.2%
 - 最大流量时压力损失 < 0.5巴。
 - 流量达60L/min
 - 计量精度+/- 0.5%
 - 最高工作压力70巴
 - 爆裂压力140巴

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00486150	0,6	1,3	115x160x135	4,5x6,3x5,3	1

Flow-rate
up to
60 l/min
(up to 15,8 gpm)

Accuracy
+/-
0,5 %



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

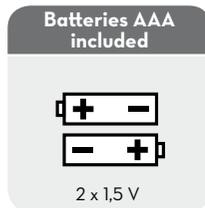


NEXT/2



NOZZLE METER
NEXT/2

FEATURES



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Battery included AAA no. 2 2 x 1,5 V	Inlet	Outlet
			l/min	gpm	bar	psi			
F00486150	NEXT/2		6 - 60	1,58 - 15,8	70	994	YES	3/4" BSP	3/4" BSP



K ELECTRONIC METERS AND PULSERS 600/3

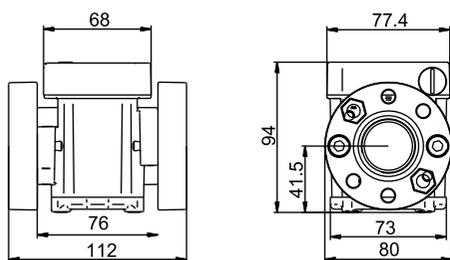
EN. Oval gear electronic flow meters in acetal resin for controlling the non commercial dispensing of low, medium and high viscosity fluids including fuel, lubricating oil and other special fluids compatible with construction materials. Body with aluminium measuring chamber. Inbuilt suction filter. 5 digit partial Total (h=11.5 mm) with floating point from 0.001 to 999.99. 8 digit non resettable Total (h=5 mm) from 1 to 99999999. Resettable Total. Flow rate indication.

ZH. 乙醛树脂椭圆齿轮电子流量计，适合于低、中、高粘度液体如燃料、润滑油及其它特种液体的小型油站加油控制用途，耐腐蚀。带铝质测量壳体。吸入端内置过滤网。单次小计总数5位(h=11.5 mm)，0.001到999.99。总计8位(h=5 mm)，从1到99999999，总数不能清零。单次小计可清零。流量指示。

PERFORMANCE

- Repeatability 0.2 %
- Loss of pressure <0.5 bar at maximum flow rate.
- Flow rate up to 100 l/min
- Accuracy : +/- 0.5%
- 重复性0.2%
- 最大流量时的载荷损失<0.5巴。
- 流量达100公升/分钟
- 计量精度+/- 0.5%

DIMENSIONS



PATENTED



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
METERS					
F00496A20	1,6	3,5	200x120x140	7,9x4,7x5,5	1
F00496A00	1,6	3,5	200x120x140	7,9x4,7x5,5	1
F00496A40	1,6	3,5	200x120x140	7,9x4,7x5,5	1
PULSER					
F00472A20	2	4,4	200x120x140	7,9x4,7x5,5	1
F00472A00	2,6	5,7	200x120x140	7,9x4,7x5,5	1

Flow-rate
up to
100 l/min
(up to 26.4 gpm)

Accuracy
+/-
0,5 %



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



K600/3 METER



K600/3 PULSER

FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Battery included No. 2 2x1,5V	Flange	Inlet Outlet	Inlet filter
			l/min	gpm	bar	psi				
METERS										
F00496A20	K600/3 oil	A B O	6 - 60	1,58 - 15,8	70	994	YES	YES	3/4" BSP	YES
F00496A00	K600/3 diesel	A D O	10 - 100	2,64 - 26,4	30	426	YES	YES	1" BSP	YES
F00496A40	K600 GAL/NPT	A B D O	10 - 100	2,64 - 26,4	30	426	YES	YES	1" NPT	YES
PULSER										
F00472A20	K600/2-3 3/4" oil	A B O	6 - 60	1,58 - 15,8	70	994	NO	YES	3/4" B SP	YES
F00472A00	K600/3 1" diesel	A D O	10 - 100	2,64 - 26,4	30	426	NO	YES	1" BSP	YES

Upon request available in NPTF version and Display in Gallon/Quarter or Pint

ELECTRONIC METERS

EN. Oval gear electronic flow meters in acetal resin for controlling the non commercial dispensing of low, medium and high viscosity fluids including fuel, lubricating oil and other special fluids compatible with construction materials. Body with aluminium measuring chamber. Inbuilt suction filter (except mod. K400 and K200).
5 digit partial Total (h=11.5 mm) with floating point from 0.001 to 999.99.
8 digit non resettable Total (h=5 mm) from 1 to 99999999.
Resettable Total. Flow rate indication (only mod. K600).

ZH. 乙醛树脂椭圆齿轮电子流量计，适合于低、中、高稠度液体如燃料、润滑油及其它特种液体的小型油站加油计量，耐腐蚀。带铝质测量腔壳体。吸入端内置过滤器(除K400和K200型外)。小计总数5位(h=11.5 mm)，0.001到999.99活动逗号。8位(h=5 mm)，从1到99999999，总数不能清零。总计可清零。流量指示(仅对K600型)。

PERFORMANCE

- Repeatability 0.2 %.
- Loss of pressure <0.5 bar at maximum flow rate.
- Flow rate up to 150 l/min
- Accuracy: +/- 0.5%

- 重复性0.2%
- 最大流量时的载荷损失<0.5巴。
- 流量达150公升/分钟
- 计量精度+/- 0.5%



PRODUCTS RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0043012A	0,6	1,3	130x65x108	5,1x2,6x4,3	1
F00484000	0,5	1,1	298x198x113	11,7x7,8x4,4	12
F00484010	0,5	1,1	298x198x113	11,7x7,8x4,4	12
000483020	0,5	1,1	298x198x113	11,7x7,8x4,4	10
F00486150	0,6	1,3	115x160x135	4,5x6,3x5,3	1
F00496A20	1,6	3,5	200x120x140	7,9x4,7x5,5	1
F00496A00	1,6	3,5	200x120x140	7,9x4,7x5,5	1
F00496A40	1,6	3,5	200x120x140	7,9x4,7x5,5	1
00049700A	3,2	7	200x120x140	7,9x4,7x5,5	1
F0049701A	3,2	7	200x120x140	7,9x4,7x5,5	1

Flow-rate
up to
150 l/min
(up to 39 gpm)

Accuracy
+/-
0,5 %



K200



K400



NEXT/2



K600/3



K600/4

FEATURES



ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Battery included No. 2 2x1,5V	Flange	Inlet Outlet	Inlet filter
			l/min	gpm	bar	psi				
F0043012A	K200	A B D O	0,1 - 2,5	0,03 - 0,66	550	7810	YES	NO	1/8" BSP	NO
F00484000	K400 BSP	A B D O	1 - 30	0,26 - 7,9	70	994	YES	NO	1/2" BSP	NO
F00484010	K400 QT/NPT	A B D O	1 - 30	0,26 - 7,9	70	994	YES	NO	1/2" NPT	NO
000483020	K400 windscreen	A W	1 - 30	0,26 - 7,9	70	994	YES	NO	1/2" BSP	NO
F00486150	NEXT/2	O	6 - 60	1,58 - 15,8	70	994	YES	NO	3/4" BSP	NO
F00496A20	K600/3 oil	A B O	6 - 60	1,58 - 15,8	70	994	YES	YES	3/4" BSP	YES
F00496A00	K600/3 diesel	A D O	10 - 100	2,64 - 26,4	30	426	YES	YES	1" BSP	YES
F00496A40	K600 GAL/NPT	A B D O	10 - 100	2,64 - 26,4	30	426	YES	YES	1" NPT	YES
00049700A	K600/4	A B D O	15 - 150	3,9 - 39	20	284	YES	YES	1 1/2" BSP	YES
F0049701A	K600/4 GAL/NPT	A B D O	15 - 150	3,9 - 39	20	284	YES	YES	1 1/2" NPT	YES

Upon request available in NPTF version and Display in Gallon/Quarter or Pint

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



P ELECTRONIC METERS PULSE-METERS

EN. Oval gear electronic meters in acetal resin for measuring low, medium and high viscosity fluids. These meters interface easily with management systems, making them the ideal solution to fit on non-commercial fuel distributors in fixed lubricant transfer/distribution systems. Also ideal as flow meters for cistern loading arms, controlling the consumption of fuel in burners or generator sets and other industrial applications. Repeatability 0.2%. Loss of pressure <0.5 bar at maximum flow rate. Inbuilt suction filter (except mod. K400 and K200).

ZH. 适用于低、中、高粘度液体测量，乙醛树脂椭圆齿轮计量，配脉冲发生器。可简便地与管理系统连接，成为非商用润滑油输送/加注系统计量，也可以油罐加注臂计量器用途，以及计量燃烧器或发电机组燃料消耗的理想方案。重复性0.2%。最大流量时的载荷损失<0.5巴。吸入端内置过滤网(K400和K200型不具备)。

PERFORMANCE

- Flow rate up to 150 l/min
- Accuracy: +/- 0.5%

- 流量达150公升/分钟
- 计量精度+/- 0.5%

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
000452030	0,5	1,1	130x65x108	5,1x2,6x4,3	1
000452000	0,5	1,1	130x65x108	5,1x2,6x4,3	1
F00440200	0,5	1,1	300x160x110	11,8x6,3x4,3	5
00044007A	0,5	1,1	203x320x88	8x12,6x3,5	5
F00472A20	2	4,4	200x120x140	7,9x4,7x5,5	1
F00472A00	2,6	5,7	200x120x140	7,9x4,7x5,5	1
000473000	3,2	7	200x120x140	7,9x4,7x5,5	1
F00408200	0,5	1,1	Blister	Blister	1
F0049800A	5,5	12	280x160x140	11x6,3x5,5	1
F0042000A	0,5	1,1	130x65x108	5,1x2,6x4,3	1
F0042001A	0,5	1,1	130x65x108	5,1x2,6x4,3	1



Flow-rate

up to
150 l/min
(up to 39 gpm)

Accuracy

+/-
0,5 %



PIUSI



K200 HP



K200



K400



K24 (not for oil)



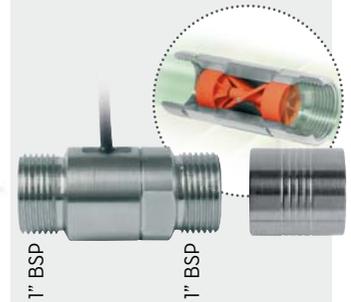
K600/3



K600/4



K700



TURBINOX INLINE (not for oil)

FEATURES

ON REQUEST

Oval gear



Remote display



Turbinox 90°



Turbinox 90° + display



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pulser		Pressure		Battery included No. 2 2x1,5V	Flange	Inlet Outlet BSP	Inlet filter
			l/min	gpm	p/l	p/gal	bar	psi				
000452030	K200 HP PULSER	B D O G	0,1 - 2,5	0,03 - 0,66	1400	5306	1000	14200	NO	NO	1/8"	NO
000452000	K200 PULSER	B D O	0,1 - 2,8	0,03 - 0,66	1400	5306	30	426	NO	NO	1/4"	YES
F00440200	K400 PULSER	A B D O	1 - 30	0,26 - 0,79	100	379	70	994	NO	NO	1/2"	NO
00044007A	K400 windscreen	B D O W	1 - 30	0,26 - 0,79	100	379	70	994	NO	NO	1/2"	YES
F00472A20	K600/3 3/4" oil PULSER	A B O	6 - 60	1,58 - 15,8	33	130	70	994	NO	YES	3/4"	YES
F00472A00	K600/3 1" diesel PULSER	A D O	10 - 100	2,64 - 26,4	35	133	30	426	NO	YES	1"	YES
000473000	K600/4 PULSER	A B D O	15 - 150	3,9 - 39	26	98	20	284	NO	YES	1 1/2"	YES
F00408200	K24 pulse meter M/MF 1"BSP	K D W W	5 - 120	1,3 - 30	92	338	20	300	YES	NO	1"	NO
F0049800A	K700 PULSER	A B D O	25 - 250	6,6 - 66	14	53	20	284	NO	YES	2"	YES
F0042000A	Turbinox inline pulse meter	K D W W	10÷40	3÷11	88	338	20	300	YES	NO	1"	NO
F0042001A	Turbinox 90° pulse meter	K D W W	10÷40	3÷11	88	338	20	300	YES	NO	1"	NO

Upon request available in NPT version



K 900 ELECTRONIC AND PULSER METERS

EN. Oval gear electronic flow meters in acetal resin for controlling the non commercial dispensing of low, medium and high viscosity fluids compatible with construction materials. Body with aluminium measuring chamber. Inbuilt suction filter. Free contact signal pulser (reed switch), single channel.

5 digit partial Total (h=11.5 mm) with floating point from 0.001 to 999.99.

8 digit non resettable Total (h=5 mm) from 1 to 99999999.

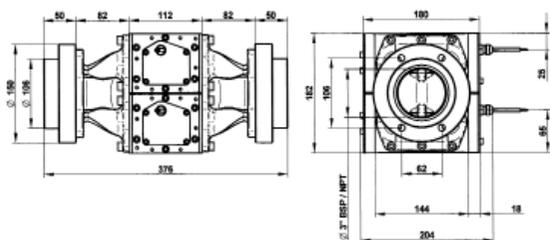
Resettable Total. Flow rate indication.

ZH. 乙醛树脂椭圆齿轮电子流量计，适合于低、中、高粘度液体如燃料、润滑油及其它特种液体。铝质壳体。吸入端内置过滤网，净触点(干簧管)，单信道脉冲发生器。单次小计显示5位(h=11.5 mm)，0.001到999.99。总计8位显示(h=5 mm)，从1到99999999，总计不能清零。单次小计可清零。有流量指示。

PERFORMANCE

- Repeatability 0.2 %
- Loss of pressure <0.5 bar at maximum flow rate.
- Flow rate up to 500 l/min
- Accuracy: +/- 0.5%
- I/O 3"
- 重复性0.2%
- 最大流量时的载荷损失<0.5巴。
- 流量达500公升/分钟
- 计量精度+/- 0.5%
- G 3" 进出口

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		pcs/box
	kg	lbs	mm	inch	
F0049900A	12	26,5	400x290x200	15,7x11,4x7,9	1
F0049903A	12	26,5	400x290x200	15,7x11,4x7,9	1
F0049902A	12	26,5	400x290x200	15,7x11,4x7,9	1



Flow-rate
up to
500 l/min
(up to 132 gpm)

Accuracy
+/-
0,5 %



K900 / K900 PULSER

FEATURES

Oval gear



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pulser		Pressure		Battery included No. 2 2x1,5V	Flange	Inlet Outlet	Inlet filter
			l/min	gpm	p/l	p/gal	bar	psi				
F0049900A	K900	A B D O	50 - 500	13,2 - 132	-	-	20	284	YES	YES	3" BSP	YES
F0049903A	K900 GAL/NPT	A B D O	50 - 500	13,2 - 132	-	-	20	284	YES	YES	3" NPT	YES
F0049902A	K900 PULSER	A B D O	50 - 500	13,2 - 132	10	38	20	284	YES	YES	3" BSP	YES

Upon request available in NPT version.

Display power supply 4-12 Vdc, 1,2 Amp. Type of output signal: open collector max 50 V, 1,2 Amp, single channel.

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

R METERS REMOTE DISPLAY FOR PULSE METER

EN. Remote display for remote control (via max. 15 m. cable) of pulse meters. The large screen displays the quantity delivered and the non resettable total. Equipped with software applications for calibrating meters. Available as both basic display device and as pulse emitter. Indispensable for receivers designed to recognise only discreet quantities of impulses.

The easy interfacing management systems of the pulse transmitter models extend the field of application of pulse meters combined with remote displays.

Technical features:

Unique display with 5 digit partial Total (h=11.5 mm) with floating point (0.001 to 99999) and 8 digit non resettable Total (h = 5 mm., from 1 to 99999999).

Battery or mains supply. Number pulses per litre set at: 1, 2, 10, 20, 50, 100. Resettable Total available. Different measurement unit settings. Low battery indication. Flow rate indication.

ZH. 脉冲流量表用远程显示器（电缆连接，最长15米）。

宽大的显示屏显示加油量，总计不能清零。配有计量器校准的应用程序。可作为显示器或脉冲发射器。当接收器只识别相当数量脉冲时是必备的。

脉冲发生器型可简便地与管理系统连接，当配合远程显示器使用时，更扩充了计量脉冲发生器的用途。

特性：

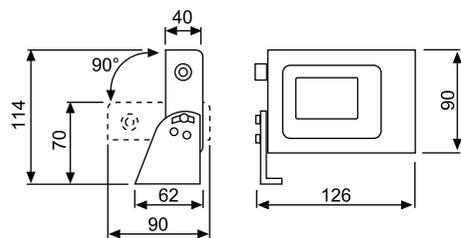
整体式显示器，单次小计5位(h=11.5 mm)，(0.001到999.99)，总计8位(h=5 mm)，总计不能清零。(h = 5 mm.从1到99999999)。

电池或外部供电。

每公升脉冲数可设置：1、2、10、20、50、100次。

单次小计可清零。可配置不同的计量单位。电池低电量指示。流量指示。

DIMENSIONS



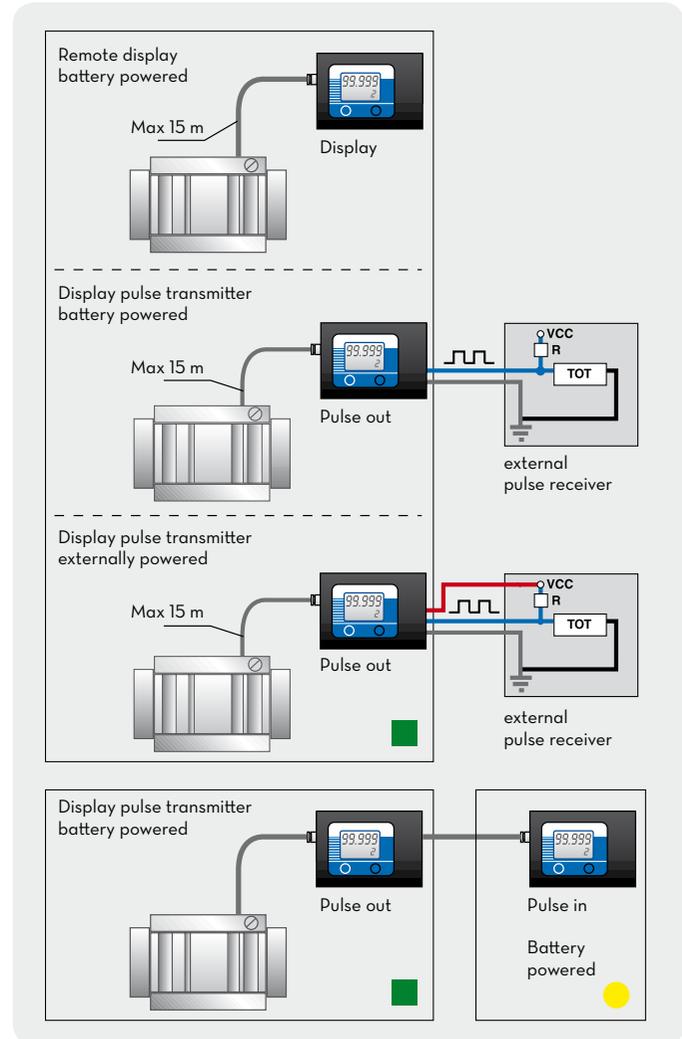
PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F1175200B	1,2	2,6	200x120x140	7,9x4,7x5,5	1
F1175300B	1,2	2,6	200x120x140	8,9x4,9x5,9	1
F1175400B	1,2	2,6	200x120x140	8,9x4,9x5,9	1
F0049501A	1,2	2,6	200x120x140	8,9x4,9x5,9	1
F0049502A	1,2	2,6	200x120x140	8,9x4,9x5,9	1
F0049503B	1,2	2,6	225x125x150	8,9x4,9x5,9	1





APPLICATIONS



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Suitable for pulse meter	Inlet Outlet
F1175200B	Remote displ. Pulse out K600	B D O U W	K600 diesel	Pulse out ■
F1175300B	Remote displ. Pulse out K600/4	B D O U W	K600/4	Pulse out ■
F1175400B	Remote displ. Pulse out K700	B D O U W	K700	Pulse out ■
F0049501A	Universal displ. Pulse out	B D O U W	K200, K400, K600 oil, K600 diesel, K600/4, K700	Pulse out ■
F0049502A	Display Pulse in	B D O U W	For all Piusi Pulse out remote display	Pulse in ■
F0049503B	Display Pulse out UREA	B D O U W	Turbinox / K24 Pulser	Pulse out ■



K NOZZLE METERS 500 PRESET

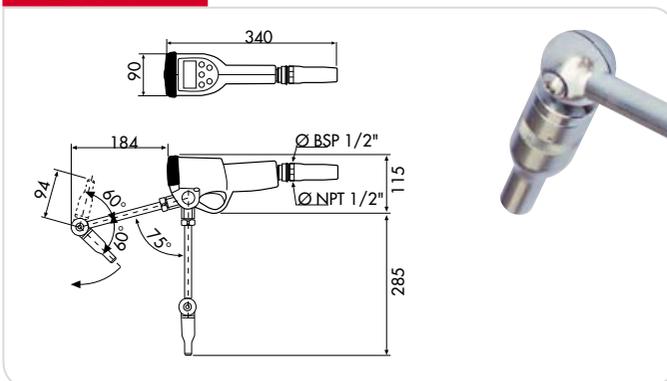
EN. Nozzle meter for oil. With the K500, the possibility to dispense in pre-selection mode is a unique feature of its kind. Once the pre-selected amount has been completed, the nozzle automatically closes the valve stopping the dispensing.

ZH. K500型流量计可对加油量进行预设。到达了预设的加油量后，加油枪就会自动关闭而中断加油。

PERFORMANCE

- Flow rates 1 - 30 l/min.
 - Accuracy: +/- 0.5 %
 - Repeatability: 0.2 %
 - Viscosity 5 - 2000 cSt
 - Max. pressure: 70 bar
 - Min. presettable quantity 0.1 litres, max. 99.9 litres
 - Indication of the quantity dispensed with diver - if unit of measurement
- 流量从1到30公升/分钟
 - 计量精度: +/- 0.5 %
 - 可重复性0.2%
 - 油品粘度从5到2000 cSt
 - 最高工作压力: 70巴
 - 预选量从0.1L-99.9L
 - 可以不同的计量单位指示加油量

DIMENSIONS



PATENTED



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0068700C	1,8	4	280x160x140	11x6,3x5,5	1
F00687200	1,8	4	280x160x140	11x6,3x5,5	1
F00687210	1,8	4	280x160x140	11x6,3x5,5	1
F0068600C	1,8	4	280x160x140	11x6,3x5,5	1

Flow-rate
up to
30 l/min
(up to 7,8 gpm)

Accuracy
+/-
0,5 %

Viscosity
up to
2000 cSt



ACCESSORIES

Rigid spouts:

B/P
Code **FOO676080**



Flexible spouts:

B/P
Code **FOO676070**



LF
Code **FOO676040**



A/P
Code **FOO676060**



HF
Code **FOO676050**



FEATURES



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Spout type	automatic no drip valve	Flow-rate		Pressure		Batteries size 1,5 V AA no.	Inlet
					l/min	gpm	bar	psi		
F0068700C	K500 w/articuable spout	☉	A	YES	1 ÷ 30	0,26 ÷ 7,8	70	994	4	1/2" BSP
F00687200	K500 w/rigid spout	☉	C	YES	1 ÷ 30	0,26 ÷ 7,8	70	994	4	1/2" BSP
F00687210	K500 w/flexible spout	☉	B	YES	1 ÷ 30	0,26 ÷ 7,8	70	994	4	1/2" BSP
F0068600C	K500 w/articuable spout	☉	A	YES	1 ÷ 30	0,26 ÷ 7,8	70	994	4	1/2" NPT



K NOZZLE METERS 40

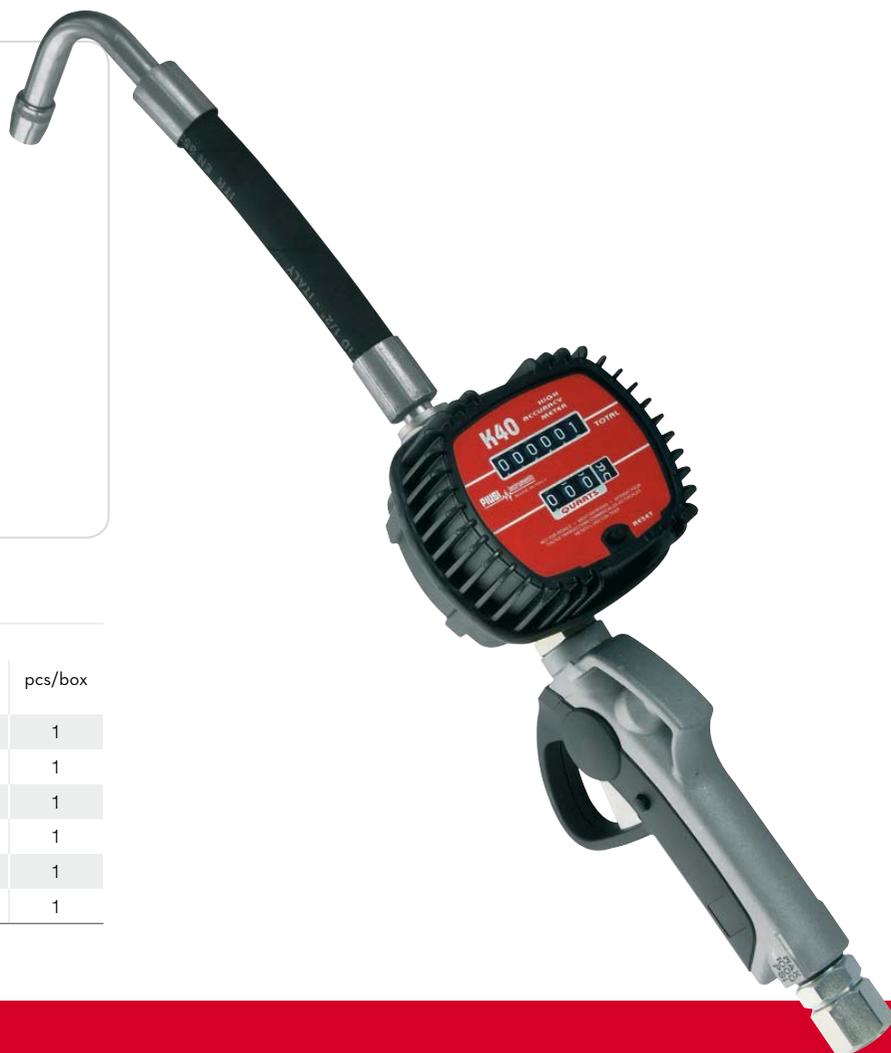
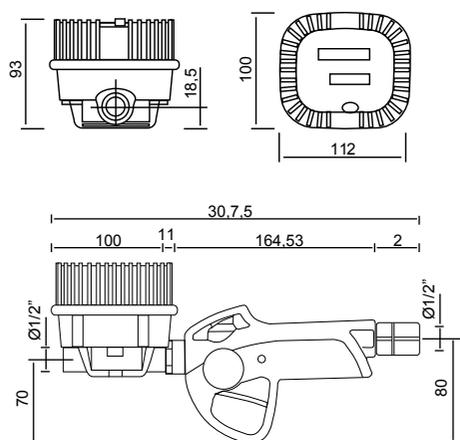
EN. Nozzle with mechanical meter for oil. The K40 is a compact, reliable, lightweight instrument for controlling fluid deliveries in the most varying conditions of use. Meters with oval gears, gears in acetal resin. Mechanical counter with resettable batch total.

ZH. 机械式油品流量表。K40型兼具紧致、可靠、轻盈的优点，可在最恶劣的条件下计量加油量。乙醛树脂椭圆齿轮计量器。小计可清零。

PERFORMANCE

- Flow rate up to 30 l/min
 - Repeatability: 0.2 %
 - Loss of pressure: 0.7 bar
 - Max. pressure: 70 bar
 - Bursting pressure: 280 bar
- 流量达30公升/分钟
 - 可重复性0.2%
 - 载荷损失: 0.7巴
 - 最高压力: 70巴
 - 爆裂压力280巴

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00490020	0,78	1,7	160x115x135	6,3x4,5x5,3	1
F00490010	0,78	1,7	160x115x135	6,3x4,5x5,3	1
F00973000	1,23	2,7	345x165x120	13,6x6,5x4,7	1
F00973010	1,23	2,7	345x165x120	13,6x6,5x4,7	1
F00973020	1,53	3,4	345x165x120	13,6x6,5x4,7	1
F00973030	1,53	3,4	345x165x120	13,6x6,5x4,7	1

Flow-rate
up to
30 l/min
(up to 7,8 gpm)

Accuracy
+/-
1 %

Viscosity
up to
2000
cSt



K40 meter



K40 meter
+ nozzle



K40 meter
+ nozzle
+ rigid extension



K40 meter
+ nozzle
+ flexible extension

FEATURES



with total-partial
resetting.



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Spout type	automatic no drip valve	Flow-rate		Pressure		Inlet	Outlet
					l/min	gpm	bar	psi		
F00490020	K40 mechanical oil meter LT/BSP	BO	-	YES	1 - 30	0,26 - 7,8	70	994	1/2" BSP	1/2" BSP
F00490010	K40 mechanical oil meter QT/NPT	BO	-	YES	1 - 30	0,26 - 7,8	70	994	1/2" BSP	1/2" NPT
F00973000	K40 nozzle LT/BSP	BO	-	YES	1 - 30	0,26 - 7,8	70	994	1/2" BSP	1/2" BSP
F00973010	K40 nozzle QT/NPT	BO	-	YES	1 - 30	0,26 - 7,8	70	994	1/2" BSP	1/2" NPT
F00973020	K40 nozzle LT/BSP with flex ext.	BO	Flexible	YES	1 - 30	0,26 - 7,8	70	994	1/2" BSP	Ext. flex
F00973030	K40 nozzle LT/BSP with rigid ext.	BO	Rigid	YES	1 - 30	0,26 - 7,8	70	994	1/2" BSP	Ext. rigid

DISPENSERS

PUMPS

METERS

NOZZLE
METERS

NOZZLE

SPECIAL
EQUIPMENTS

FLUID
MONITORING

ACCESSORIES

FILTERING



K NOZZLE METERS 400

EN. Nozzle with electronic meter. The K400 can be integrated with a nozzle to create a handy, ergonomic instrument for controlling and managing oil delivery. Meter body in aluminium to withstand high pressure.

ZH. 电子计量加油枪。椭圆齿轮的K400流量表加配easy oil加油枪，

PERFORMANCE

- Standard AAA-size batteries
 - Bursting pressure: 200 bar
 - Easy inspection and maintenance
 - Working pressure 70 bar
 - Oval gear in acetal resin
 - 5 figure partial display(Resettable), 7 figure total
 - Flow rate up to 30 l/min
 - Accuracy +/- 0,5 %
 - Repeatability: 0.2 %
 - Viscosity 2 - 2000 cSt
- 标准AAA电池
 - 爆裂压力200巴
 - 检查和维护方便
 - 工作压力70巴
 - 乙醛树脂椭圆齿轮
 - 5位(可重设)单次显示，7位总量显示。
 - 流量达30公升/分钟
 - 计量精度+/- 0.5 %
 - 可重复性0.2%
 - 粘度从2到2000 cSt



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00484000	0,5	1,1	80x80x75	3,1x3,1x3	12
F00984040	1,2	2,6	300x160x110	11,8x6,3x4,3	1
F00984010	1,5	3,3	300x160x110	11,8x6,3x4,3	1
F00984000	1,5	3,3	300x160x110	11,8x6,3x4,3	1

Flow-rate
up to
30 l/min
(up to 7,8 gpm)

Accuracy
+/-
0,5 %

Viscosity
up to
2000
cSt



K400 meter



K400 meter
+ nozzle



K400 meter
+ nozzle
+ rigid extension



K400 meter
+ nozzle
+ flexible extension

FEATURES



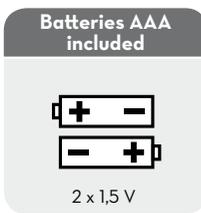
Multifunction display



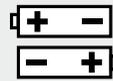
Meter with oval gears



Aluminium body



Batteries AAA included



2 x 1,5 V



5 digit partial. Total. Resettable total and calibration available. Low battery icon.

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Spout type	 automatic no drip valve	Flow-rate		Working pressure		Batteries 1,5 V size AAA no.	Inlet	Outlet
					l/min	gpm	bar	psi			
F00484000	K400 electronic oil meter LT/BSP		-	-	1 - 30	0,26 - 7,8	70	994	2	1/2" BSP	1/2" BSP
F00984040	K400 nozzle LT/BSP		-	-	1 - 30	0,26 - 7,8	70	994	2	1/2" BSP	1/2" BSP
F00984010	K400 nozzle LT/BSP with flex ext.		Flexible	YES	1 - 30	0,26 - 7,8	70	994	2	1/2" BSP	Flex ext.
F00984000	K400 nozzle LT/BSP with rigid ext.		Rigid	YES	1 - 30	0,26 - 7,8	70	994	2	1/2" BSP	Rigid ext.

NPT version available - Quart, Pint, Gallon version available. Approvable version on request.



NOZZLE METERS NEXT/2

EN. High flow-rate oil nozzle with oval gear electronic flow meter in acetal resin. The oval gear metering system allows for high metering precision with low pressure losses. The high flow rate of the flow meter combined with the rugged and highly ergonomic nozzle and non-drip tip (available in both rigid and flexible versions) ensures clean, quick and safe delivery.

ZH. 计量加油枪，带NEXT/2乙醛树脂椭圆齿轮流量表。

椭圆齿轮测量系统可获得极高的计算精确度，压力损失小。

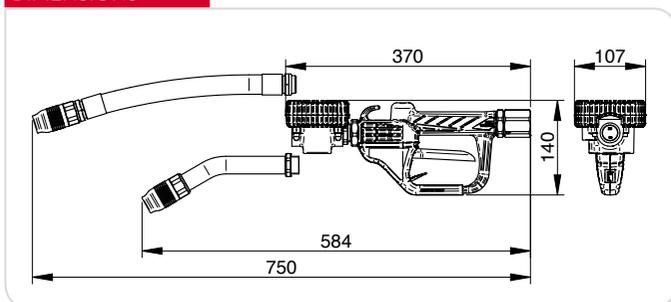
大流量的流量表，加油枪和终端坚固耐用，符合人机工学(软枪嘴、硬枪嘴可选)，防滴阀，保证了加油干净、快捷和安全。

PERFORMANCE

- Flow rate up to 60 l/min
- Repeatability: 0.2%
- Accuracy +/- 0.5%
- Maximum operating pressure 70 bar
- Bursting pressure: 140 bar
- Inlet swivel coupling with filter for impurities

- 流量达60公升/分钟
- 可重复性0.2%
- 计量精度+/- 0.5%
- 最高工作压力70巴
- 爆裂压力140巴
- 入口旋转接头带过滤器

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00974000	2,3	5,1	115x135x160	4,5x5,3x6,3	1
F00974010	2,9	6,4	115x135x160	4,5x5,3x6,3	1
F00974020	3	6,6	115x135x160	4,5x5,3x6,3	1

Flow-rate
up to
60 l/min
(up to 15 gpm)

Accuracy
+/-
0,5 %



FEATURES



5 digit partial. Total. Resettable total and calibration available. Low battery icon.



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Spout type	 automatic no drip valve	Flow-rate		Pressure		Battery included AAA no. 2 2 x 1,5 V	Inlet	Outlet
					l/min	gpm	bar	psi			
F00974000	NEXT/2 nozzle w/o spout BSP		-	-	6 - 60	1,5 - 15	70	994	2	3/4" BSP	-
F00974010	NEXT/2 nozzle w/rigid spout BSP		Rigid	YES	6 - 60	1,5 - 15	70	994	2	3/4" BSP	Rigid ext.
F00974020	NEXT/2 nozzle w/flex spout BSP		Flexible	YES	6 - 60	1,5 - 15	70	994	2	3/4" BSP	Flex ext.



NOZZLE METERS GREASTER

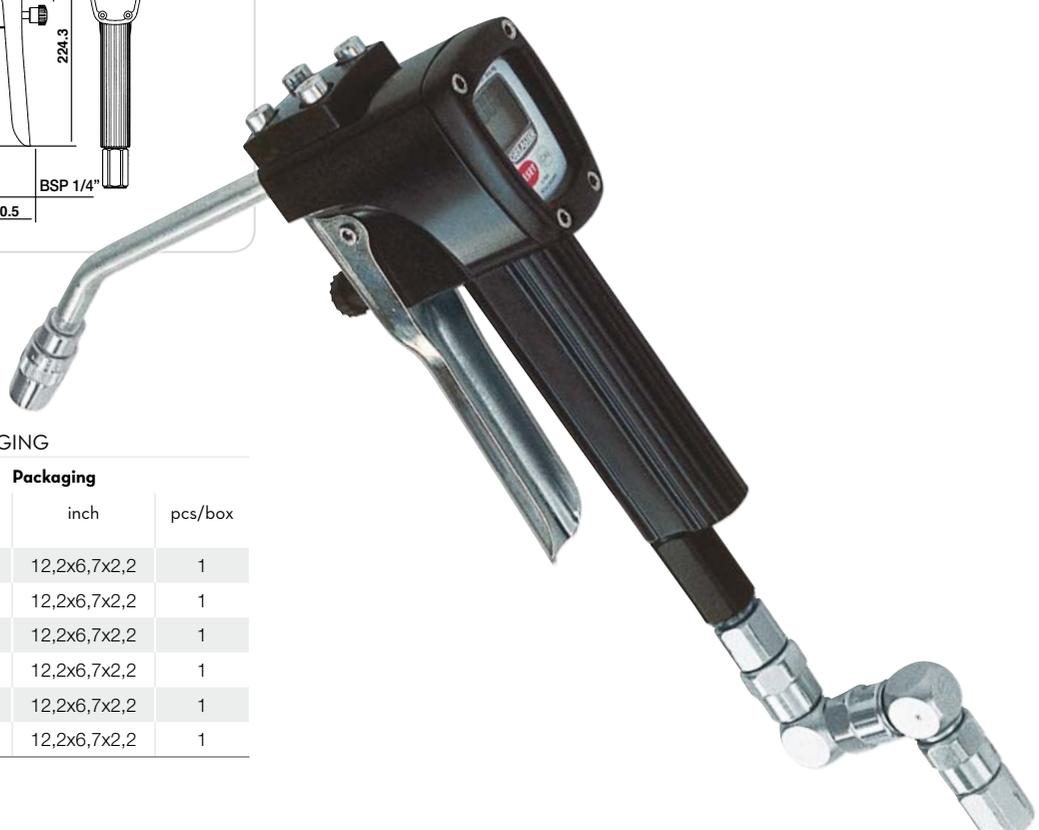
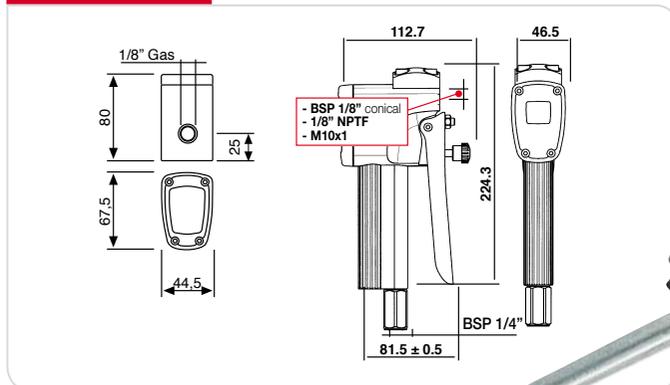
EN. Grease meter nozzle. The “Greaster” is a new grease dispensing nozzle that comes complete with an integrated oval-gear flow meter. The resettable batch total provides complete control over the lubrication operations; the cumulative total provides a constantly updated record of grease consumption.

ZH. 油脂称重加注枪。“Greaster”是一种创新的油脂加注枪，配有椭圆齿轮称重流量表。单次加油量指示可清零，保证了油脂加注的正确性。加注总数指示记录着油脂的总耗用量。

PERFORMANCE

- Flow rate up to 2,5 kg/min
- Operating pressure: max 550 bar
- Bursting pressure: min 1600 bar
- Accuracy: +/- 3%
- In-line version
- In-line version available for direct installation on the grease dispensing tube.
- 流量达2.5公斤/分钟
- 工作压力：最高550巴
- 爆裂压力：最低1600巴
- 计量精度：+/- 3%
- 管道直联
- 有直接安装在管道上的在线型可选。

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0043000A	2,3	5,1	310x170x55	12,2x6,7x2,2	1
F0043002A	2,6	5,7	310x170x55	12,2x6,7x2,2	1
F0043100A	2,3	5,1	310x170x55	12,2x6,7x2,2	1
F0043500A	2,6	5,7	310x170x55	12,2x6,7x2,2	1
F0043600A	1,2	2,6	310x170x55	12,2x6,7x2,2	1
F0043011A	1,2	2,6	310x170x55	12,2x6,7x2,2	1

Flow-rate
up to
2,5 kg/min

Accuracy
+/-
3 %



FEATURES



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Nozzle		Batch total	Cumulative total	Flow-rate		Pressure		Inlet	Outlet
			rigid	Z swivel			Kg/min	Lb/min	bar	psi		
F0043000A	Greaster gr/kg	G	-	-	gr	kg	0,1 - 2,5	0,2 - 5,5	550	-	1/4" BSP	1/8" BSP*
F0043002A	Greaster gr/kg M10x1	G	-	-	gr	kg	0,1 - 2,5	0,2 - 5,5	550	-	1/4" BSP	M 10x1
F0043100A	Greaster gr/kg with rigid spout and Z-swivel	G	YES	YES	gr	kg	0,1 - 2,5	0,2 - 5,5	550	-	1/4" BSP	M 10x1
F0043500A	Greaster oz/lb	G	-	-	oz	lb	0,1 - 2,5	0,2 - 5,5	-	7800	1/4" NPT	1/8" NPT
F0043600A	Greaster oz/lb with rigid spout and Z-swivel	G	YES	YES	oz	lb	0,1 - 2,5	0,2 - 5,5	-	7800	1/4" NPT	M 10x1
F0043011A	In line grease meter	G	-	-	gr	kg	0,1 - 2,5	0,2 - 5,5	550	-	1/8" BSP	1/8" BSP

* conical

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



E NOZZLE ASYOIL

EN. Oil Dispensing Nozzles. The "Easyoil" is a new dispensing nozzle specifically designed for the industry.

The aluminum body is resistant to high pressure.

The plastic, anti-shock handgrip is available in several colours.

A balanced valve reduces pressure on the trigger.

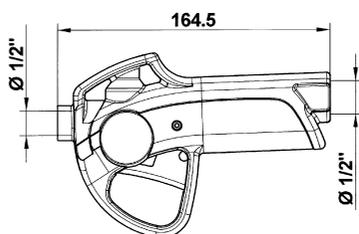
ZH. Easyoil加油枪是一种专门为业内人士设计的新型加油枪。耐高压的坚固铸铝枪体。防撞塑胶手柄，备有多种颜色可选。平衡阀减少扳机的阻力。

PERFORMANCE

- Flow rate up to 30 l/min
- Operating pressure 70 bar

- 流量达30公升/分钟
- 工作压力最高达70bar

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0096600A	0,45	1	203x320x88	8x12,6x3,5	1
F00966130	1,2	2,6	203x320x88	8x12,6x3,5	1
F00966140	1,2	2,6	203x320x88	8x12,6x3,5	1
F00966150	1,2	2,6	203x320x88	8x12,6x3,5	1

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Flow-rate

up to
30 l/min

Work. pressure

+/-
70 bar



PIUSI

ON REQUEST

Rigid spouts:

Code **FO0665000**

Rigid Spout A/P with automatic anti-drip valve (A)

Code **FO067000A**

Rigid Spout B/P (B)

Code **FO067002A**

Rigid Spout 90 mm B/P (B)

Code **000934000**

Rigid Spout HF with manual anti-drip valve (C)

Code **000938000**

Rigid Spout LF with manual anti-drip valve (D)



Flexible spouts:

Code **FO0666000**

Flexible Spout A/P with automatic anti-drip valve (A)

Code **FO067100A**

Flexible Spout B/P (B)

Code **000935000**

Flexible Spout HF with manual anti-drip valve (C)

Code **FO0939000**

Flexible Spout LF with manual anti-drip valve (D)



Flexible spouts:

Code **000669000**

Rotating Spout A/P with automatic anti-drip valve



EASY OIL nozzle

EASY OIL nozzle
+ swivel
+ rigid spout

EASY OIL nozzle
+ swivel
+ flexible spout

FEATURES

ON REQUEST

Trigger lock



Filter



Code **FO9949000**

Swivel 12. 12 BSP



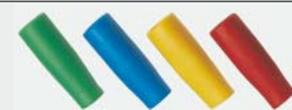
Code **FO845600A**
Available with NPT thread

Color Code system



Handgrip

- F0096600A
- F0096605B
- F0096604A
- F0096603B
- F0096606A



Swivel rubber protectors

- F09659000
- F09757000
- F09758000
- F09899000
- F09955000

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Spout			Inlet
			Rotating	Rigid	Flexible	
F0096600A	Easyoil FF 1/2" x 1/2" BSP	☉	-	-	-	1/2" BSP
F00966130	Easyoil + Swivel 1/2" + Rigid spout	☉	-	YES	-	1/2" BSP
F00966140	Easyoil + Swivel 1/2" + Flexible spout	☉	-	-	YES	1/2" BSP
F00966150	Easyoil + Swivel 1/2" + Rotating spout	☉	YES	-	-	1/2" BSP



NOZZLE PISTOL-ONE

EN. High flow capacity nozzle for oil dispensing. "Pistol-ONE" is a new nozzle specially designed for heavy-duty work conditions, and for anyone requiring high flow rates, low flow resistance at high pressures, and ease of handling and use. The aluminium body is shock resistant, ergonomic and compact.

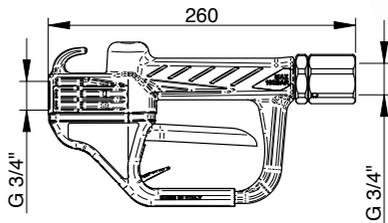
The valve is balanced to reduce pressure on the trigger to the utmost, to make the nozzle extremely easy to use.

ZH. Pistol-ONE大流量加油枪是专为繁重作业而设计的加油枪，具有流量高、高压状态下压力损失小的特点，使用方便和轻巧灵活。防碰撞铝质枪身，符合人机工学紧凑外形。平衡阀可减小扳机阻力，令加油枪易于使用。

PERFORMANCE

- Nominal flow rate 90 l/min
 - Max operating pressure 100 Bar
 - Burst pressure 300 Bar
 - Flow resistance 0.6 bar at 60 l/min.
 - Trigger operating force at 100 Bar: 9 Kg
- 流量达90公升/分钟
 - 最高工作压力100bar
 - 爆裂压力300巴
 - 60公升/分钟时的压力损失 < 0.6巴。
 - 100bar时的扳机驱动力：9公斤

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00640000	1,3	2,9	300x180x80	11,8x7,1x3,1	1
F00640010	1,9	4,2	300x180x80	11,8x7,1x3,1	1
F00640020	2,0	4,2	300x180x80	11,8x7,1x3,1	1

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

Flow-rate

up to
90 l/min
(up to 23,8 gpm)

Work. pressure

100 bar

PIUSI[®]

ON REQUEST

Rigid spouts:

Mod. BPS B/P
Code **F16005010**
with semi-automatic
no-drip valve



Flexible spouts:

Mod. BPS B/P
Code **F16004010**
with semi-automatic
no-drip valve



PISTOL-ONE

PISTOL-ONE
+ rigid spout

PISTOL-ONE
+ flexible spout

FEATURES

Semi-automatic
no drip valve



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Spout		Inlet
			Rigid	Flexible	
F00640000	PISTOL-ONE + swivel 3/4"	☉	-	-	3/4" BSP
F00640010	PISTOL-ONE + swivel 3/4" + Rigid spout	☉	YES	-	3/4" BSP
F00640020	PISTOL-ONE + swivel 3/4" + Flexible spout	☉	-	YES	3/4" BSP

DISPENSERS

PUMPS

METERS

NOZZLE
METERS

NOZZLE

SPECIAL
EQUIPMENTS

FLUID
MONITORING

ACCESSORIES

FILTERING

V SPECIAL EQUIPMENTS VACUBOX



EN. Automatic oil changer. The "Vacubox" extracts used oil from the car motors through the dipstick holder. The system automatically stops the pump when the oil suction is completed.

- Suction hose with probe holder.
- Wall support kit.

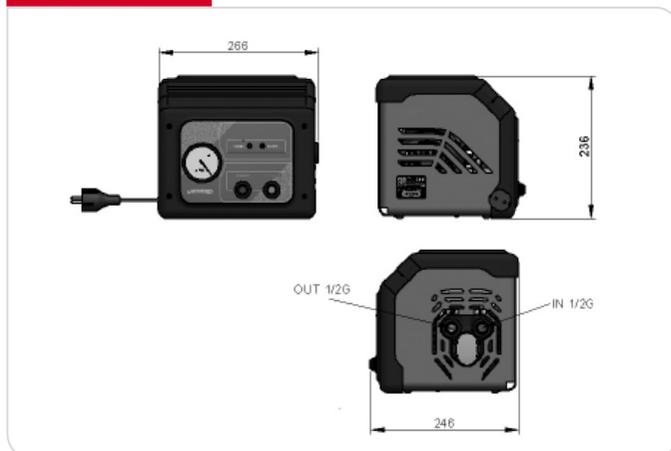
ZH. Vacubox自动换油机。可利用机油标尺的管道把车辆发动机用过的机油抽排出来。当吸油完毕后，系统会自动停止油泵的工作。

- 吸油管连探针座。
- 墙壁挂架套件。

PERFORMANCE

- Flow rate up to 10 l/min
 - 230 V continuous AC operation
 - Noise level below 65 dB
 - Automatic shutdown
- 流量达10公升/分钟
 - 230伏交流电机连续运行
 - 噪音低于65 dB
 - 自动关断

DIMENSIONS



**FULLY
AUTOMATIC**



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		pcs/ box
	kg	lbs	mm	inch	
F00500B00	10	22	295x295x325	11,6x11,6x12,8	1
R12737000	-	-	-	-	-
R08308000	-	-	-	-	-
R08309000	-	-	-	-	-

Flow-rate

up to
10 l/min
(up to 3 gpm)

PIUSI[®]



Fully automatic



ON REQUEST

Kit probes

Code
R08309000



Complete set of probes, including:

- 1 semi-rigid probe Ø 6 x 800 mm
- 1 semi-rigid probe Ø 8 x 800 mm
- 1 rigid probe Ø 6 x 650 mm
- 1 rigid probe Ø 9 x 650 mm

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Inlet BSP
			l/min	gpm	AC V./Hz DC Volt	Power Watt	Amp. max.	
F00500B00	Vacubox		1 - 10	0,25 - 2,5	230/50	350	2	1"1/2
R12737000	Kit wall support							1"1/2
R08308000	Kit suction hose 2 mt							1"1/2
R08309000	Kit probes							1"1/2

Available at 110-120 V / 60 Hz

SPECIAL EQUIPMENTS CAMBIAOLIO



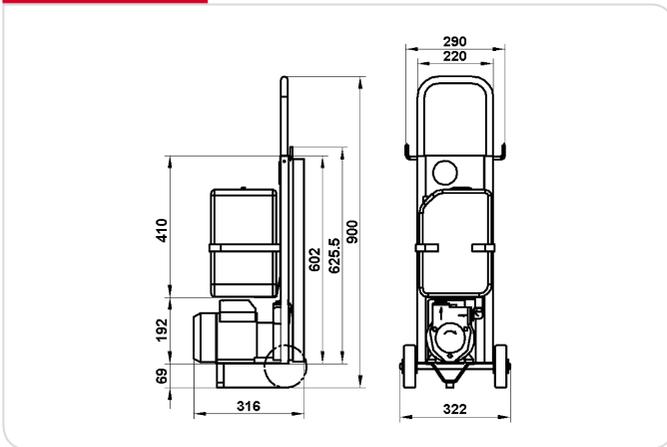
EN. The “Cambiaoio” satisfies the ever-increasing demand of extracting used oil from cars directly through the dipstick holder. Trailer-mounted support. Self priming pump.

ZH. Cambiaoio换油机可满足油标尺孔把车辆发动机用过的机油直接抽排出来。带小推车，自吸泵

PERFORMANCE

- Continuous operation.
- Noise less than 70 dB.
- 交流电连续运作
- 噪音低于70 dB

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0050000B	19,5	43	600x290x300	23,6x11,4x11,8	1
00050006A	19,5	43	600x290x300	23,6x11,4x11,8	1



Flow-rate

up to
10 l/min
(up to 3 gpm)

PIUSI[®]

EASY TO USE



Cambialio



INCLUDED

Probe Kit included:

- 1 semi-rigid probe Ø 6 x 800 mm
- 1 semi-rigid probe Ø 8 x 800 mm
- 1 rigid probe Ø 8 x 650 mm
- 1 rigid probe Ø 9 x 650 mm



FEATURES

Pressure Gauge



Tank 12 liter



On/off switch



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Tank	
			l/min	gpm	AC V./Hz DC Volt	Power Watt	Amp. max.	liter	gal
F0050000B	Cambialio M	☐	2 - 10	0,5 - 2,5	230/50-60	350	2	10	3
00050006A	Cambialio 120V / 60 Hz	☐	2 - 10	0,5 - 2,5	120/60	1200	12,7	10	3

FLUID MONITORING OCIO

EN. Continuous tank level monitoring. OCIO detects the static pressure generated by the fluid height by means of a tube inserted into the tank and displays the fluid level or volume.

The system consists of:

- A tube for detecting static pressure: The tube end is inserted from the top of the tank and lowered down into the liquid until it touches the bottom.
- A control unit for displaying the level and managing the system. The unit is equipped with an intuitive, complete software and permits the connection of two alarm or lock devices.

The software is used to:

- Set tank type and dimensions
- Define alarm levels
- Define indication level
- Define measurement unit
- Calibrate the instrument

Depending on the set alarm levels, the control unit activates or deactivates the contact by acting as a remote switch for starting the alarms or cutting power to the connected equipment.

Maximum measurable height: 4 m.

Probe tube length: 10 m.

ZH. 油箱液面的连续监控系统。

OCIO通过油箱内的一根气管来探测由液体高度所产生的静态压强检测液位，并在面板上液面高度或容积。

系统由以下部分构成：

- 静压探测管。探测管的头部从油箱顶部插入油箱并抵达油箱底部。
- 一个显示和管理液面的控制单元。单元包括一套直观完整的软件，可连接两个警报或锁定装置。

通过软件可实现：

- 确定油箱类型和尺寸
- 设定报警的液面高度
- 定义液面高度指示
- 定义计量单位
- 调校仪器

按照设定的警报液面高度，控制单元会激活远程开关警报装置或切断连接油泵的电源。

最高可测量高度：4米

探测管长度：10米

探测精度：1%



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0075510D	2,2	4,8	300x410x100	11,8x16,1x3,9	1
F0075511D	2,2	4,8	300x410x100	11,8x16,1x3,9	1
F00755140	2,2	4,8	300x410x100	11,8x16,1x3,9	1
F00755160	2,2	4,8	300x410x100	11,8x16,1x3,9	1

Viscosity
up to
30 cSt

Accuracy
+/-
1%*

* End of scale



PIUSI

DISPENSERS

PUMPS

METERS

NOZZLE METERS

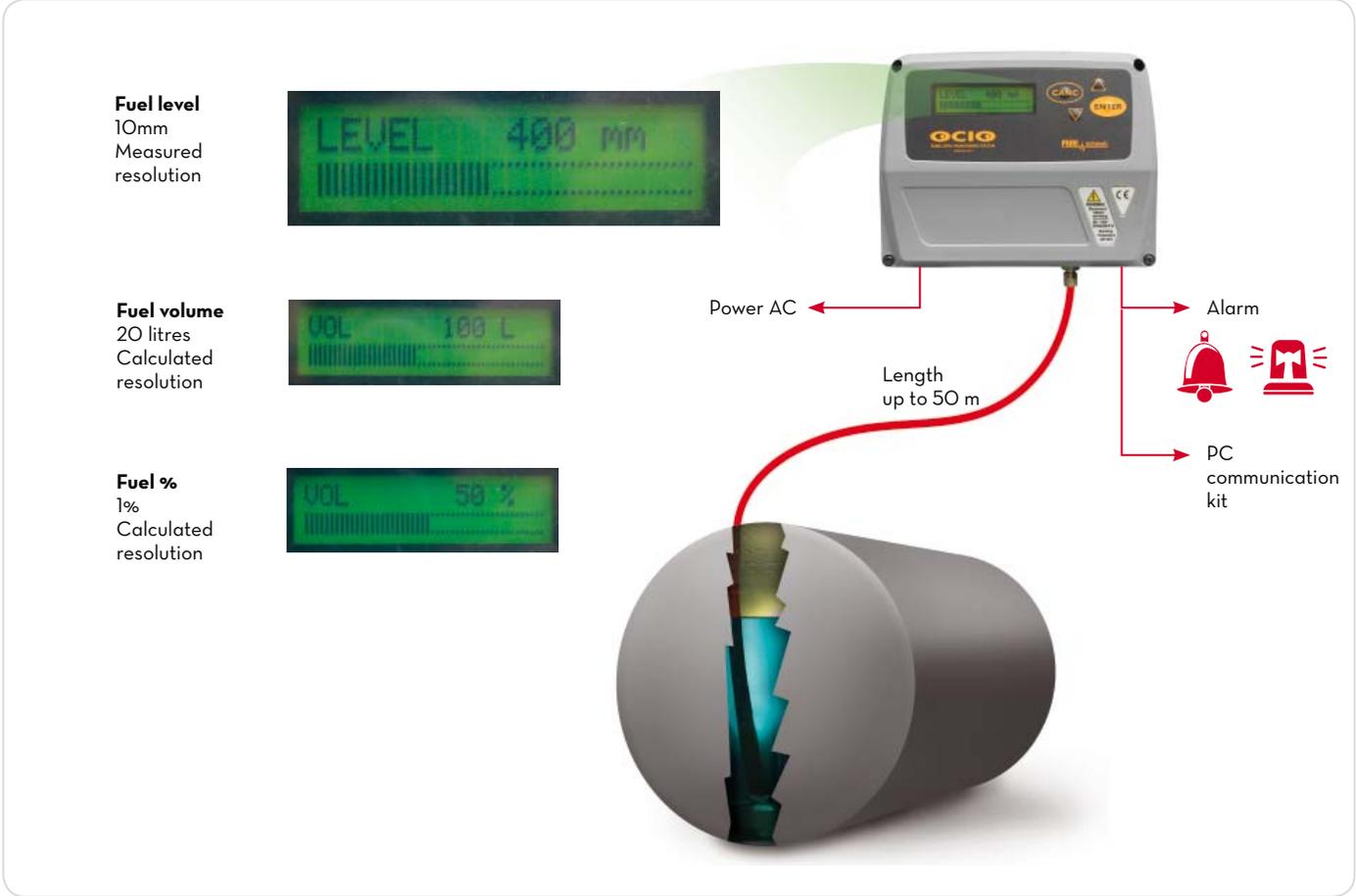
NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



ON REQUEST



Hose length 3 mt
Ø 12 mm
Code **F12939000**



FEATURES



Made in stainless steel

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Viscosity cSt	Voltage		RS exit
				AC V/Hz	Power Watt	
F0075510D	Level indicator OCIO LV / RS output	A B D O W W	up to 30	230/50	20	available
F0075511D	Level indicator OCIO LV / RS output 120 V	A B D O W W	up to 30	120/60	20	available
F00755140	OCIO Urea	U	Urea	230/50	20	available
F00755160	Level indicator OCIO LV / 4/20 mA output	A B D O W W	up to 30	230/50	20	available



FLUID MONITORING OCIO DESK SOFTWARE

EN. OCIO is available with direct PC connections. By means of an interface you can connect up to 12 OCIO level gauges and send data direct via cable to a PC up to 1,000 meters away.

Dedicated software has been developed to permit the storage of historic tank level data according to different criteria:

- at each time interval
- at each variation in level
- at each variation in volume.

The recorded data is displayed as a diagram showing the historical tank levels data.

Software permits configuration of each tank and alarm type.

ZH. OCIO可以与PC直接连接。通过其软件可以监控最多12个OCIO监控器。并通过最长1000m的数据线向PC传递数据。

按照不同的规范，专用软件可保存油箱内液面的历史数据。

- 每次液面变化的时间
- 每次液面的变化
- 每次容积的变化。

记录下来数据可以图表来显示油箱液面的历史记录。

软件可配置每个油箱和设置警报。

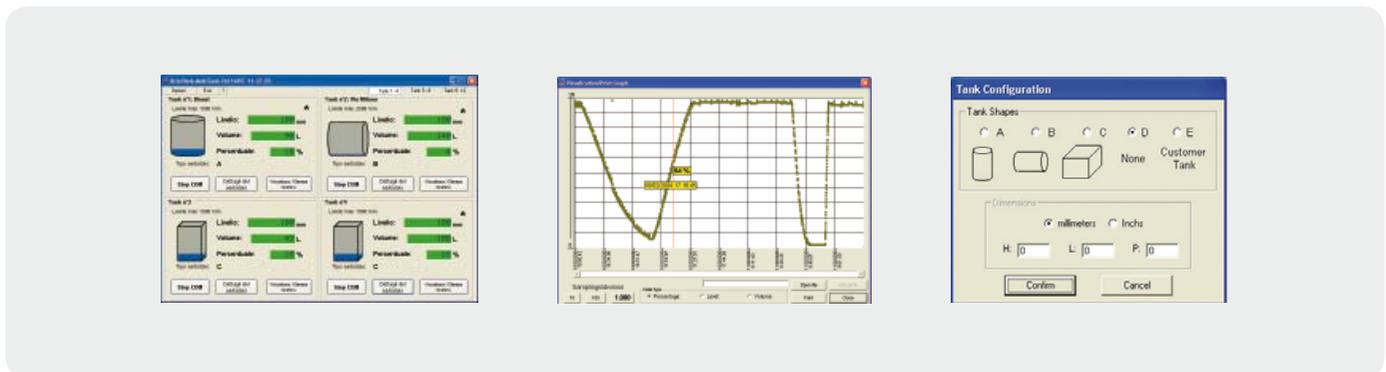
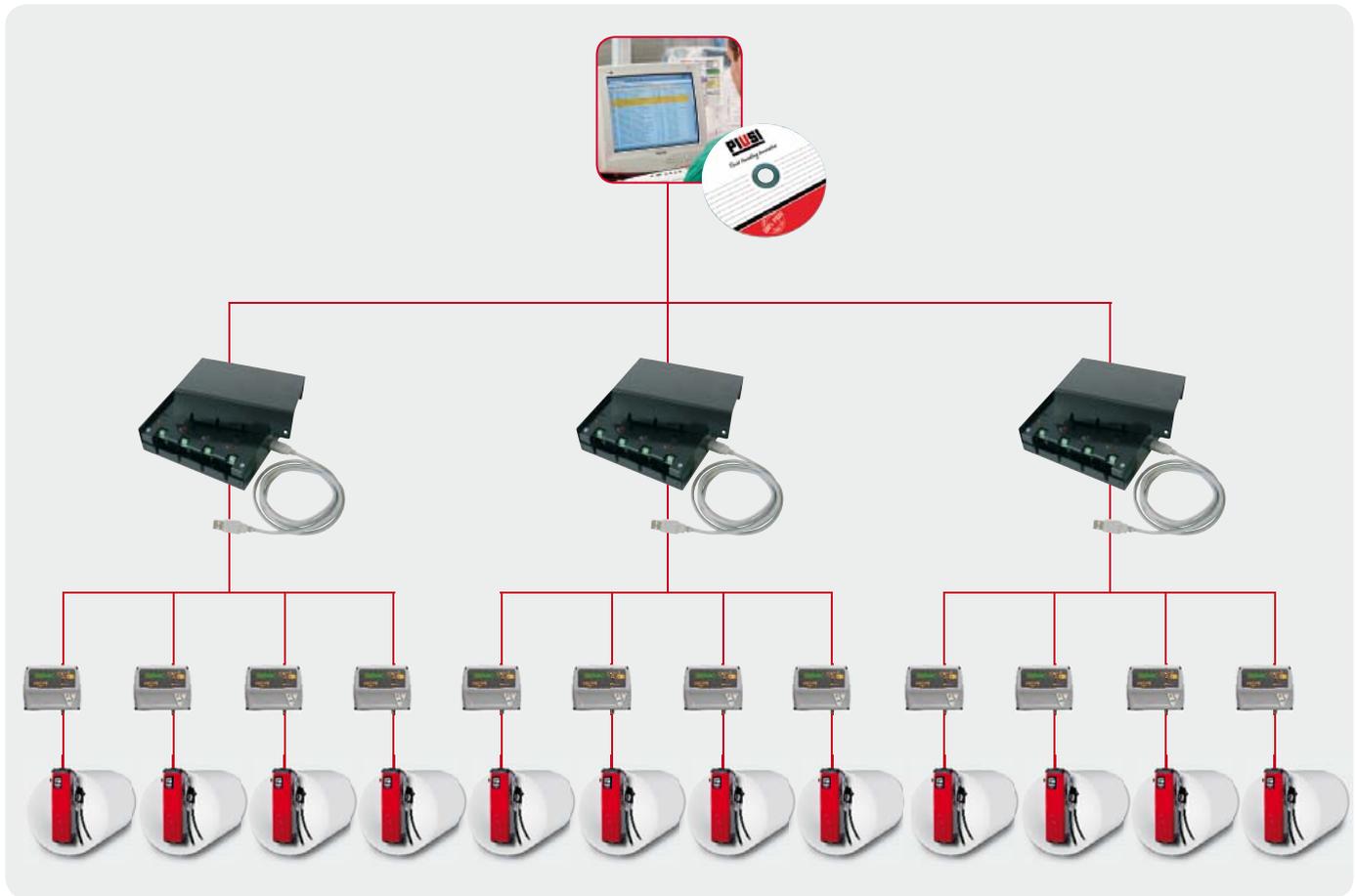
也可定义保存成外部.txt文件格式。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00755S1A	0,4	0,9	200X120X140	7,9x4,7x5,5	1
F00755S0C	1,1	2,4	200X120X140	7,9x4,7x5,5	1
F00755S2A	2,5	5,5	200X120X140	7,9x4,7x5,5	1
F00755S3A	3,1	6,8	200X120X140	7,9x4,7x5,5	1

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN



PRODUCTS' RANGE TECHNICAL DATA

Code	Description
F00755S1A	OCIO desk SINGLE TANK (software + PC interface for 1 tank)
F00755S0C	OCIO desk MULTITANK 4 (software + PC interface up to 4 tanks)
F00755S2A	OCIO desk MULTITANK 8 (software + PC interface up to 8 tank)
F00755S3A	OCIO desk MULTITANK 12 (software + PC interface up to 12 tanks)

FLUID MONITORING OCIO GSM



EN. GSM transmission of tank level.

This system responds to demand for the remote monitoring of tank levels by displaying the current situation on a telephone display or to an email address.

The transmitter with GSM modem is connected to the OCIO level indicator and via one or more expansions controls up to 8 tanks. Each tank is supplied with a level indicator connected via cable to the OCIO GSM unit or a single expansion. Configuration of the system is carried out by sending a coded message over the telephone.

ZH. 油箱液位GSM传送系统。

此系统可满足对油箱液面的远程实时监控，在电话屏幕上进行显示或发送到一个指定的电子邮箱。

GSM调制解调发射器连接在OCIO液面指示器上，并通过一个或多个扩展部件可管理多达8个油箱。每个油箱均备有一个液面指示器，并通过电缆连接到OCIO GSM单元或到达每个扩展部件上。系统的配置是通过电话以发送编码短信的方式进行。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
FO0755G30	1,5	3,3	300x410x100	11,8x16,1x3,9	1
FO0755G20	1,5	3,3	300x410x100	11,8x16,1x3,9	1
FO0755G40	1,5	3,3	300x410x100	11,8x16,1x3,9	1



To manage 1 tank



To manage up to 4 tank



To manage up to 8 tank



- OCIO GSM
- EXPANSION OCIO GSM
- OCIO LEVEL INDICATOR

ON REQUEST

Ocio Desk software



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Voltage	
			AC V/Hz	Power Watt
F00755G30	OCIO GSM Quad band	A B D O W W	110-230 / 50-60	15
F00755G20	Expansion OCIO GSM tank 2-4	A B D O W W	110-230 / 50-60	5
F00755G40	Expansion OCIO GSM tank 5-8	A B D O W W	110-230 / 50-60	5

M FLUID MONITORING CO SYSTEM



EN. Oil control system. All the components of the MCO module have been designed for an easy integration. Every module controls up to 12 reels as a stand alone or PC-interfaced system. Up to 32 modules can be networked and connected to PC. Up to 900 users and 9999 job numbers can be controlled. Developed in Windows, the MCO Software is simple and user-friendly. It allows you to choose amongst many available languages.

Components:

CU - Control Unit. Wide keyboard and clear LCD.
 PU - Power Unit. Connected to the power mains, it supplies low-voltage power to every component of the system.
 EPU - Expansion Unit. It allows you to control 4 additional reels (optional).
 LD - Remote Display. Clear and bright 4" digits allowing dispensing with accuracy and convenience even when far from the CU.
 GPV - Pulsar / Valve Unit. Only component for the best control of the fluid to be dispensed.
 OCIO - Level gauge. To be installed on every tank.
 OCIO DESK - Interface software
 Between the level gauge and MCO software.
 PC interface - Contains the MCO software for controlling dispensing from PC.

ZH. 01) MCO油料管理系统。MCO的所有组件均可简便组合。每个模块可利用Stand Alone系统或PC连接系统控制多达12卷盘。最多可连接32MODEM 联网或连接到PC。可管理达多900个用户和9999个作业号。
 MCO软件简便易懂，是在Windows环境下研发的软件。可在备有的多种语言中进行选择。

组件:

CU - 控制单元
 配宽大的键盘和清晰的LCD。
 PU - 电源
 连接在供电网络上，以保证向系统中的所有部件供应低电压。
 EPU - 扩展单元
 可额外控制4个卷盘(选配)。
 LD - 远程显示器
 4" 显示器，数字清晰光亮，使远离CU，也可精确和方便地进行加油。
 GPV - 脉冲计量电磁阀
 OCIO - 液位计
 安装在每个油箱上。
 OCIO DESK - 连接软件
 连接液位计和MCO软件。
 PC界面 - 含有从PC管理加注的MCO软件。

PRODUCTS' RANGE TECHNICAL DATA , WEIGHT AND PACKAGING

Code	Ticket emitter	Voltage			Weight		Packaging			
		AC V/Hz DC Volt	Power Watt	Amp. max.	kg	lbs	mm	inch	pcs/ box	
00077500B	MCO module (CU/TE+PU)	YES	230	110	0,5	11,5	25,4	495x380x290	19,5x15x11,4	1
00077700B	MCO module (CU+PU)	-	230	110	0,5	11	24,3	495x380x290	19,5x15x11,4	1
00077501B	MCO module 120V (CU/TE+PU)	YES	120	42	3,5	11,5	25,4	495x380x290	19,5x15x11,4	1
00077701B	MCO module 120V (CU+PU)	-	120	42	3,5	11	24,3	495x380x290	19,5x15x11,4	1
F0076800A	Expansion power unit (EPU)	-	-	-	-	3	6,6	190x350x290	7,5x13,8x11,4	1
F00769000	Remote Display (LD)	-	12	8,5	0,7	1,6	3,5	190x350x290	7,5x13,8x11,4	1
000445000	GPV (Group pulser double valve)	-	24	34	1,4	3	6,6	125x225x150	4,9x8,9x5,9	1
000445020	GPVS (Group pulser single valve)	-	12	34	0,7	3	6,6	125x225x150	4,9x8,9x5,9	1
000445160	GPVS windscreen 24 Vdc	-	24	34	1,4	1	2,2	230x120x150	9,1x4,7x5,9	1
F0077100D	PC interface Software MCO-OCIO	-	-	-	-	0,7	1,5	125x225x150	4,9x8,9x5,9	1
F0075511D	Level indicator OCIO LV / RS	-	120/50/60	-	-	2,2	4,9	300x410x100	11,8x16,1x3,9	1
F0075510D	Level indicator OCIO LV / RS	-	230/50/60	-	-	2,2	4,9	300x410x100	11,8x16,1x3,9	1
F12939000	KIT terminal for oil	-	-	-	-	-	-	-	-	1
F00755S0C	OCIO desk MULTITANK 4	-	-	-	-	1,1	2,4	200x120x140	7,9x4,7x5,5	1
F00755S2A	OCIO desk MULTITANK 8	-	-	-	-	2,5	5,5	200x120x140	7,9x4,7x5,5	1
F00755S3A	OCIO desk MULTITANK 12	-	-	-	-	3,1	6,8	200x120x140	7,9x4,7x5,5	1
F00966130	Easyoil+Swivel 1/2"+Rigid spout	-	-	-	-	-	-	-	-	1
F00966140	Easyoil+Swivel 1/2"+Flex. spout	-	-	-	-	-	-	-	-	1

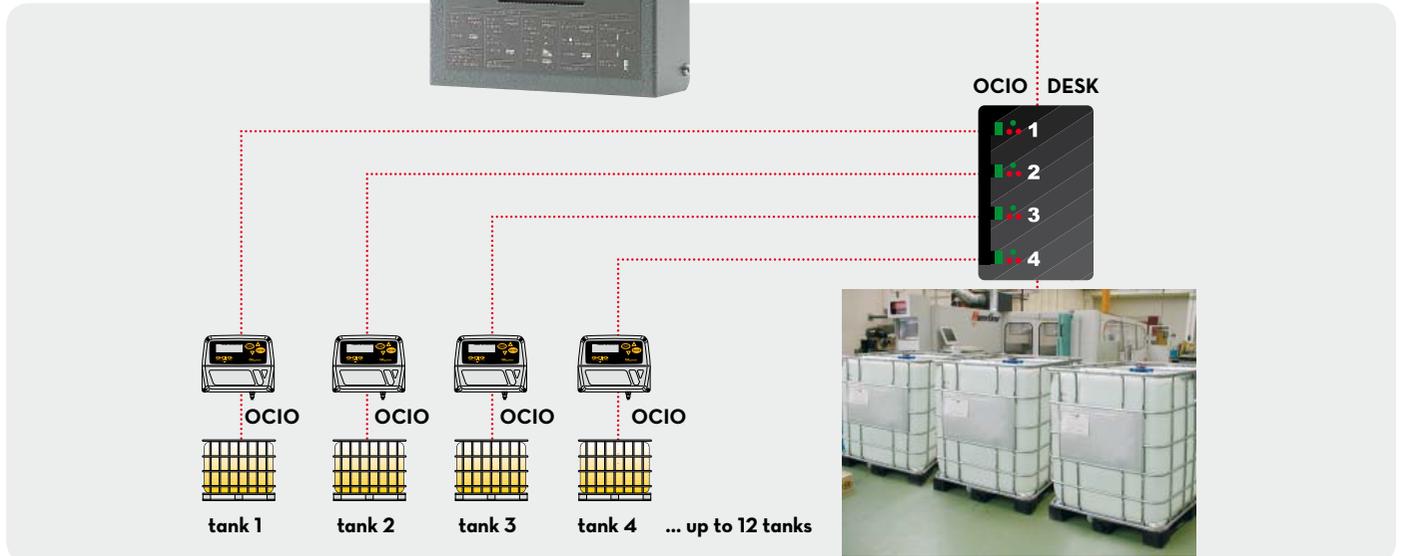
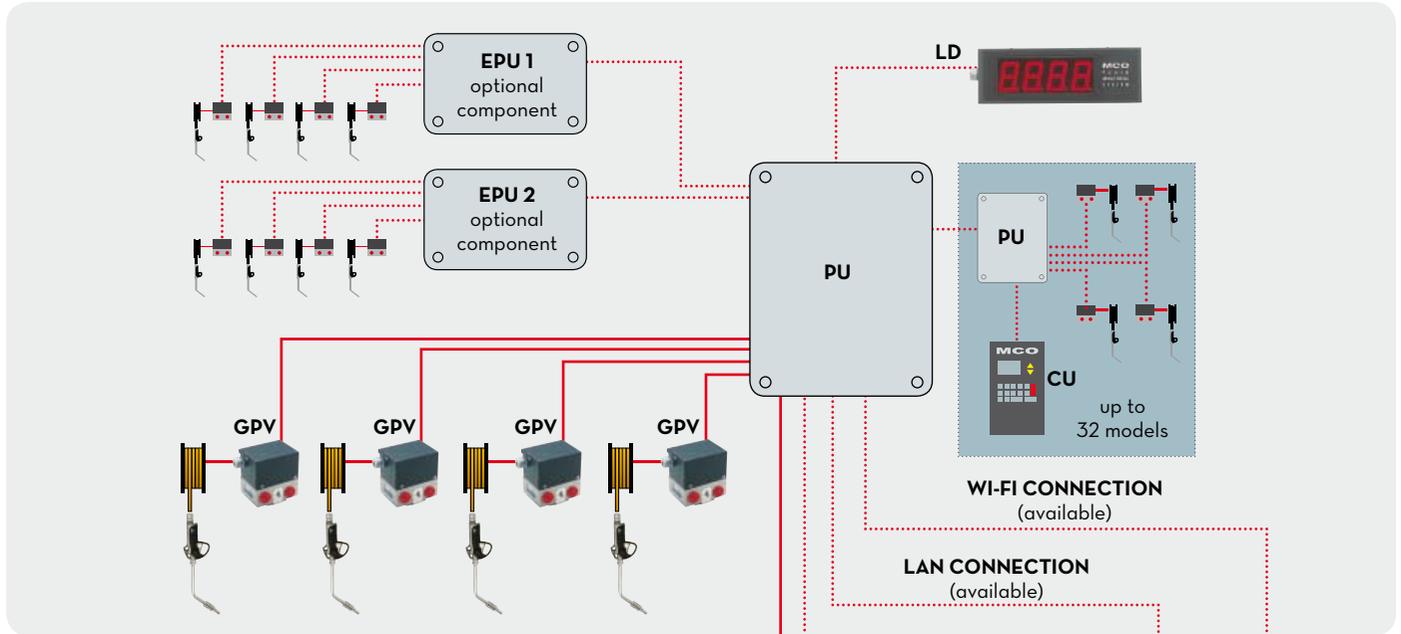
Users
up to
900

Jobs
up to
9999



PIUSI[®]

1 Preselect → **2** Dispense → **3** Data management up to 900 users



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

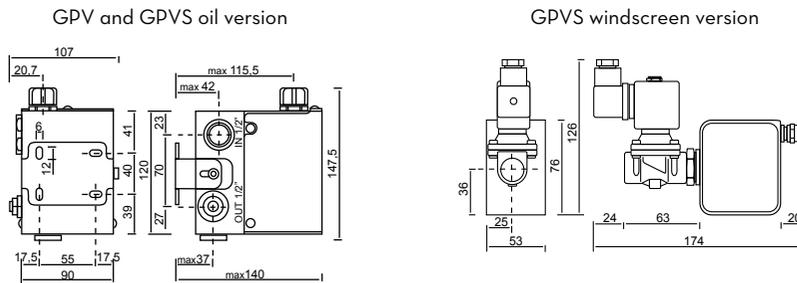
EN. Pulse/valve unit. This component is for installation along the supply lines feeding the pumps in a centralised oil (or other fluid) distribution system. It combines the functions of an on-off valve with those of a flow meter. This unit simplifies the refuelling system because with a single hydraulic coupling and an electric connection, you can install all the components needed to regulate the flow of fluids.

ZH. 脉冲计量电磁阀。安装在油品集中管理系统的每个管线上。是流量表和电磁阀的结合体。只有1个液体管路和一条电器接线，有助于在所有需要进行液体加注控制的部件上的安装操作。

PERFORMANCE

- Filter included (150 μ)
 - Valve included
 - 12/24 V DC
 - Flow-rate 30 l/min
 - Viscosity (9 - 5000 cSt)
 - Work pressure 70 bar
- 带有过滤器(150 μ)
 - 包括阀门
 - 12 - 24 V 直流供电
 - 流量达30公升/分钟
 - 流体粘度(9 - 5000 cSt)
 - 工作压力70巴

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

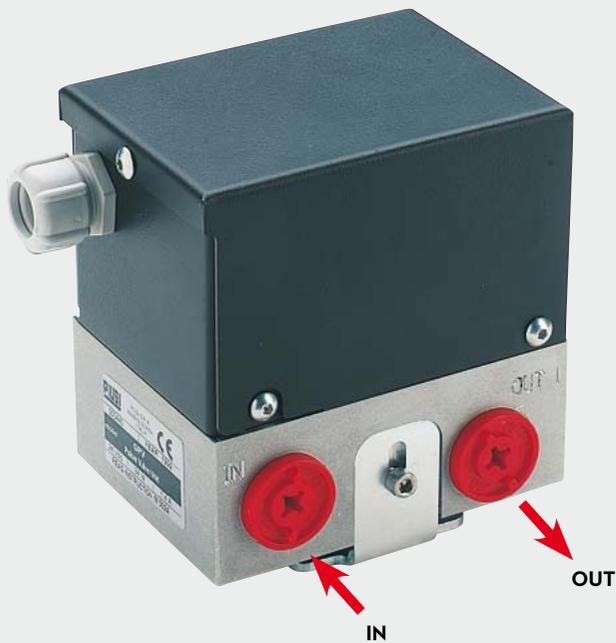
Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
GPV					
000445080	3	6,6	200x120x140	7,9x4,7x5,5	1
000445000	3	6,6	200x120x140	7,9x4,7x5,5	1
GPVS					
000445060	2,8	6,6	200x120x140	7,9x4,7x5,5	1
000445090	2,8	6,6	200x120x140	7,9x4,7x5,5	1
000445020	2,8	6,6	200x120x140	7,9x4,7x5,5	1
000445160	1,1	2,4	200x320x90	7,9x12,6x3,5	1
000445170	1,1	2,4	200x320x90	7,9x12,6x3,5	1



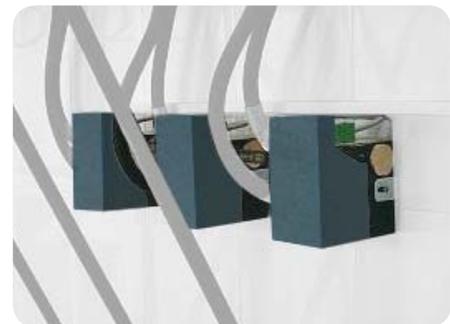
Flow-rate

up to
30 l/min
(up to 7,9 gpm)

PIUSI[®]



GPV



GPVS
windscreen version

FEATURES

Valve



Filter



Oval gears



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Valve no.	Pressure		Viscosity cSt (range)	Accuracy
			l/min	gpm	AC V/Hz	DC Volt	Power Watt		Amp. max.	bar		
GPV												
000445080	GPV 12 V dc	☉	30	7,9	12	34	2,8	2	70	1015	9 - 5000	+/- 0,5%
000445000	GPV 24 V dc	☉	30	7,9	24	34	1,4	2	70	1015	9 - 5000	+/- 0,5%
GPVS												
000445060	GPVS 24 V ac	☉	30	7,9	24	17	0,7	1	70	1015	9 - 3000	+/- 0,5%
000445090	GPVS 12 V dc	☉	30	7,9	12	17	1,4	1	70	1015	9 - 3000	+/- 0,5%
000445020	GPVS 24 V dc	☉	30	7,9	24	17	0,7	1	70	1015	9 - 3000	+/- 0,5%
000445160	GPVS 24 V dc windscreen	☼	30	7,9	24	17	0,7	1	20	290	-	+/- 0,5%
000445170	GPVS 24 V ac windscreen	☼	30	7,9	24	17	0,7	1	20	290	-	+/- 0,5%

NPTF version available

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



ACCESSORIES DUMBOX

EN. Cap (A) and cover (B) protect the contents from external contamination and promote safe handling without spillages. Transparent polyethylene structure for immediately checking contents. The filter installed on funnel (C) prevents accidental spill of unwanted particles.

ZH. 壶嘴塞子(A)和壶盖(B)可抵御外来杂物的污染,保证了液体流动更安全且不会外溢。透明聚乙烯材料外壳可实时进行检查。漏斗(C)内的过滤器可防止颗粒掉落。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Container					
F00920000	0,8		590x700x575		24
F00917000	6		510x410x540		24
F0091600A	8		510x410x540		48
Funnel					
F0093000A	5,8		405x520x540		24
F0093100A	7,8		405x520x535		50

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN



FEATURES



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	
Container			
F00920000	Container 5 litres	<input type="radio"/>	
F00917000	Container 2 litres	<input type="radio"/>	
F0091600A	Container 1 litre	<input type="radio"/>	
Funnel			
F0093000A	Funnel Ø 180 mm	<input type="radio"/>	
F0093100A	Funnel Ø 220 mm	<input type="radio"/>	



FILTERING FILTROLL / DEPUROIL

FILTROLL

EN. Double filter, triple control.
This filtering unit provides double filtering for oil and diesel fuel and absorbs any water and impurities.
The unit features a supply and suction pipe with integrated bottom valve.

Features:
Sturdy wheeled structure, Large-diameter wheels,
Flow rate 56 l/min.,
Filtering capacity - first stage 30 · with water absorption, second stage 5 · for impurities.

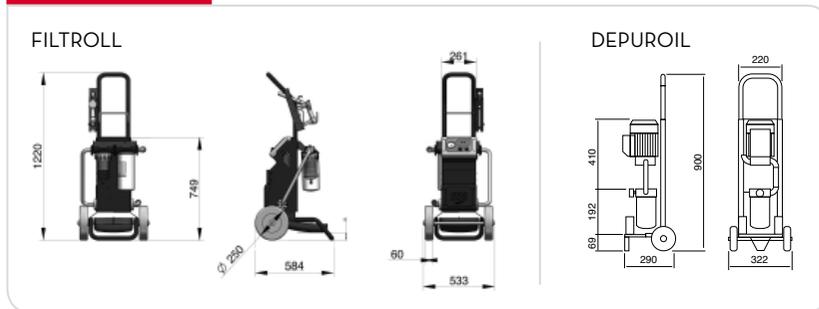
ZH. FILTROLL过滤车
双过滤器、三重控制。此过滤组件可吸收水分和杂质，对油料和柴油保证具有双重过滤的作用。组件备有进出油管，内置进油过滤底阀。
特性：
结实的车架结构，大直径车轮。
第一级过滤精度为30 μ，带油水分离功能，第二段为5 μ，用于过滤杂质。

DEPUROIL

EN. Filter and transfer unit. DEPUROIL is the ideal tool for decontaminating oil by removing suspended particles. Fitted with a constantly operating volumetric pump which sends the fluid through a high-filtering capacity cartridge filter. Manometer for detecting clogged filter. Wheeled support. Noise level under 70 dB. Interchangeable cartridge filter with head. Supplied with a series of spare cartridges.

ZH. DEPUROIL过滤车
DEPUROIL输送过滤车是一种从油料中去除悬浮粒子的理想除过滤输送设备。备有连续工作的容积泵，油品经过高精度滤芯过滤。配检查过滤器阻塞状况的压力表，推车。
噪音低于70 dB，滤芯可更换。标配提供一个滤芯备件。

DIMENSIONS



**TWO STEP
FILTRATION**

DEPUROIL

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
FILTROLL					
F00506000	35	77,2	790x590x590	31,1x23,2x23,2	1
F00506010	42	92,6	790x590x590	31,1x23,2x23,2	1
F0050606A	40	88,2	790x590x590	31,1x23,2x23,2	1
DEPUROIL					
00050300A	28	61,7	600x290x300	23,6x11,4x11,8	1
00050302A	28	61,7	600x290x300	23,6x11,4x11,8	1
00050301A	28	61,7	600x290x300	23,6x11,4x11,8	1



FILTROLL

Flow-rate

up to
56 l/min
(up to 15 gpm)

Flow-rate

up to
25 l/min
(up to 6,6 gpm)



FILTROLL



DEPUROIL

FEATURES



Two step filtration

Oil/diesel version

FEATURES



Cartridge

Foot filter

Pressure Gauge

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		AC V/Hz DC Volt	Voltage			Pump type	Hose lenght		Filtering capacity
			l/min	gpm		Power Watt	Amp. max.	delivery m/ft		suction m/ft		
FILTROLL												
F00506000	Filtroll Diesel	D	56	14.8	230/50-60	350/600	3/6	Panther 56	4 / 13,1	3 / 9,8	-	
F00506010	Filtroll Oil/Diesel	D O	25	7	230/50	750	4,6	Viscomat 70	3 / 9,8	3 / 9,8	-	
F0050606A	Filtroll 12V Diesel	D	56	14.8	12	300	35	Panther DC	4 / 13,1	4 / 13,1	-	
DEPUROIL												
00050300A	Depuroil M 230/50	O	20-25	5,28-6,6	230/50	750	4,6	Viscomat 70	-	-	10	
00050302A	Depuroil M 110/50	O	20-25	5,28-6,6	110/50	1200	12,7	Viscomat 70	-	-	10	
00050301A	Depuroil M 120/60	O	20-25	5,28-6,6	120/60	1200	12,6	Viscomat 70	-	-	10	

FILTROLL: Available in version 230 V / 60 Hz, 120 V / 60 Hz
DEPUROIL: Upon request it is available with different voltage and 60 Hz frequency



FILTERING FILTERS

EN. Cartridge filter. Line filters with SPIN-ON cartridges are suitable for use on both the suction and flowback side of hydraulic or lubricating systems. They are available with 3/4" and 1" fittings.

ZH. 旋装滤芯，可安装在管线上的旋装滤芯，有 G3/4" 和 G1" 接口可选。

PERFORMANCE

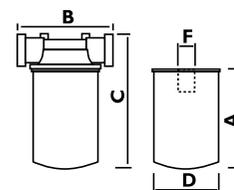
Filtering capacity 10 µm
Operating pressure 12 bar max

- 过滤精度 10 µm
- 最高工作压力 12bar



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Product dimensions					Packaging			
	A mm	B mm	C mm	D mm	F	Weight kg	Dimensions mm	Catridge pcs/box	Filter head pcs/box
Filter for Fuel and Oil									
F0777200A	-	100	160	98	-	1	200x120x140	1	1
F0914900A	-	171	236	132	-	2,6	390x285x140	1	1
F09149020	-	171	236	132	-	2,6	390x285x140	1	1
F00611000	145	-	-	98	3/4" BSP	-	-	1	-
F09359000	180	-	-	132	1"1/4 BSP	-	-	1	-
F09359010	180	-	-	132	1"1/4 BSP	-	-	1	-
F16483010	139	-	-	93	-	9,2	500x300x200	15	-
F14528000	-	100	-	-	3/4" BSP	-	-	-	1
F15743000	-	171	-	-	1"1/2-16 UNF 1"1/4 BSP	-	-	-	1





ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Inlet/Outlet BSP	Water absorbing	Efficiency β	Micro μm	Pression bar
			l/min	gpm					
Filter for Fuel and Oil									
F0777200A	60 l/min filter with head	B D G O	60	15,9	1"	NO	2	10	12
F0914900A	100 l/min filter with head	B D G O	100	26,4	1"	NO	2	10	12
F09149020	100 l/min filter with head	B D G O	100	26,4	1"	NO	2	5	12
F00611000	Cartridge 60 l/min	B D G O	60	15,9	-	NO	2	10	12
F09359000	Cartridge 100 l/min	B D G O	100	26,4	-	NO	2	10	12
F09359010	Cartridge 100 l/min	B D G O	100	26,4	-	NO	2	5	12
F16483010	Plusibox cartridge 60 l/min 15 (pcs)	B D G O	60	15,9	-	NO	2	10	12
F14528000	Filter head 3/4 BSP 60 l/min		-	-	1"	NO	-	-	-
F15743000	Filter head 100 l/min		-	-	1"	NO	-	30	-

AMALFI 1

EN. Bilge pumping.

Bilge pumps with excellent suction and pressure ability. Solid particles and debris can be handle without damaging the pump. Should be installed in a dry, well ventilated position above, but as close to the liquid as possible. As the pumps must not be run dry, it is recommended to combine it with automatic switch that cuts off the current to the pump when the bilge is dry.

For automatic / manual bilge pumping, the pump can be combined with bilge control panel. Must not be run dry.

ZH. 柔性叶片泵

柔性叶片自吸电泵，适用于各种液体的输送。尤其适用于咸、淡水输送

此类泵的特点是输送含有少量杂质而又不会损坏的液体

塑胶躯体，泵腔为全不锈钢包裹，橡胶叶片加不锈钢轴。

电机可连续使用，带有热保护。泵浦不能干运行。

AMALFI 5

EN. Flexible impeller pumps

Self priming flexible impeller electric pump or different liquid transfer.

Suitable for fresh and salt water, AMALFI pump can also transfer dirty liquids without damaging.

Plastic body, all stainless steel inside chamber and shaft, flexible impeller.

Suitable for continuous service with thermal motor overload protection.

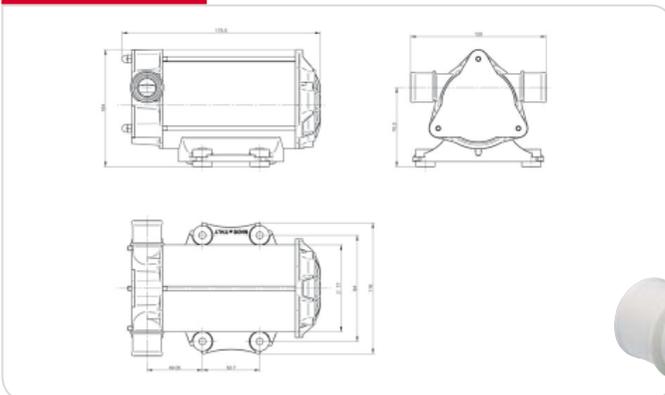
Pump must not be run dry.

ZH. 舱底泵

舱底泵具有上佳的吸力和压力。微粒和固态杂质可被过滤而不会损坏泵浦。要求安装在高处的一个干燥和通风良好的位置，并尽可能接近液体。由于不能干运行，建议使用一个舱底空时能够切断泵浦电流的安全开关。

对于自动或手动运行的舱底泵系统，泵浦可配备一块舱底泵控制面板。不允许干运行。

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		mm	Packaging		pcs/box
	kg	lbs		inch		
NMT400000	3	6,6	200x130x105	7,9x5,1x4,1	1	
NMT400001	3	6,6	200x130x105	7,9x5,1x4,1	1	
NMT400003	6	13,2	350x185x260	13,8x7,3x10,2	1	



AMALFI 5
AC Version

AMALFI 1
DC Version

Flow-rate

up to
34 l/min
(up to 9 gpm)



PIUSI[®]

AMALFI 1
DC Version



AMALFI 5
AC Version



FEATURES

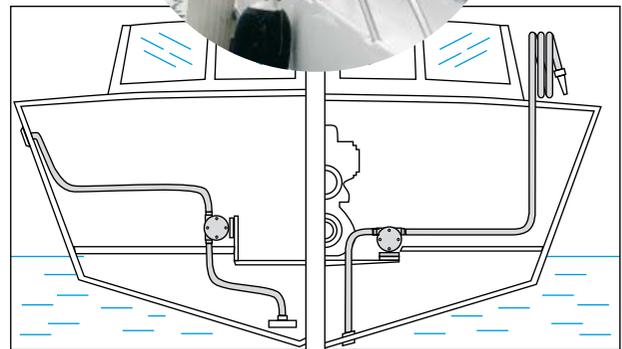
On/off switch



Stainless steel chamber



Flexible impeller



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Volts/Hz	Flow-rate		Pressure		Max Draw	Fuse	Ports BSP
				l/min	gpm	bar	psi			
NMT400000	AMALFI 1	W	12	32	8,4	1	14,5	13 A	35 A	1/2"
NMT400001	AMALFI 1	W	24	34	9	1	14,5	16 A	15 A	1/2"
NMT400003	AMALFI 5	W	230/50	30	7,3	1	14,5	1,5 A	-	1/2"

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

GARDA 1

EN. Gear pumps - DC version

- Self priming gear electric pumps suitable for lubricants and viscous liquids.
- Bronze body
- Stainless steel shaft
- Bronze or teflon gear
- Pumps are built in for intermittent use
- Can be mounted on any position.
- IP 65

ZH. 齿轮泵 - DC版

自吸式齿轮泵，尤其适合于润滑油和浓稠但不具腐蚀作用的液体的输送。
青铜躯体
不锈钢轴
铜或特氟隆齿轮
为非连续运行式设计，可安装在任何位置。
IP 65

GARDA 5

Gear pumps - AC version

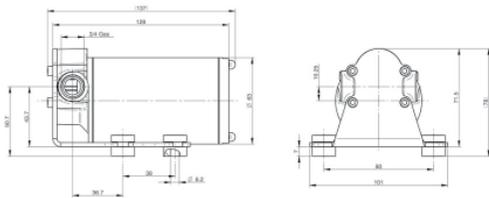
- Self priming gear electric pumps suitable for lubricants and viscous liquids
- Stainless steel shaft
- Bronze gear
- Pumps are built in for continuous use
- Can be mounted on any position
- Motor equipped with thermal protection

齿轮泵 - DC版

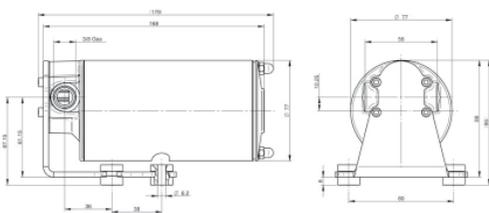
自吸式齿轮泵，尤其适合于润滑油和浓稠但不具腐蚀作用的液体的输送
不锈钢轴
青铜齿轮
为连续运行式设计，可安装在任何位置。
电机带有热保护

DIMENSIONS

GARDA 1



GARDA 2



GARDA 1
DC Version

GARDA 2
DC Version

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
NMT450000A	1,7	3,7	150x120x105	5.9x4.7x4.1	1
NMT450001A	1,7	3,7	150x120x105	5.9x4.7x4.1	1
NMT450002A	2,7	5,9	150x120x105	5.9x4.7x4.1	1
NMT450003A	2,7	5,9	150x120x105	5.9x4.7x4.1	1
NMT460000A	2,8	6,2	360x130x102	14,2x7,3x4	1
NMT460001A	2,8	6,2	360x130x102	14,2x7,3x4	1
NMT450006	6	13,2	350x185x260	13,8x7,3x10,2	1

GARDA5
AC Version



Flow-rate

up to
10 l/min
(up to 2,6 gpm)



PIUSI

GARDA 1
DC Version



GARDA 2
DC Version



GARDA5
AC Version



FEATURES

Bronze gear



ON REQUEST

Kit GARDA 2



GARDA 2 with terminal,
switch, cables with clamps (2 m)

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Volts/Hz	Flow-rate		Pressure		Max Draw	Fuse	Ports BSP
				l/min	gpm	bar	psi			
NMT450000A	GARDA 1	ODW	12	8	2,1	1,5	22	12 A	-	3/8"
NMT450001A	GARDA 1	ODW	24	8	2,1	1,5	22	6 A	-	3/8"
NMT450002A	GARDA 2	ODW	12	10	2,6	3,5	50	19 A	-	3/8"
NMT450003A	GARDA 2	ODW	24	10	2,6	3,5	50	10 A	-	3/8"
NMT460000A	KIT GARDA 2	ODW	12	10	2,6	3,5	50	19 A	25 A	3/8"
NMT460001A	KIT GARDA 2	ODW	24	10	2,6	3,5	50	10 A	15 A	3/8"
NMT450006	GARDA 5	ODW	230/50	10	2,6	3,5	50	1,8 A	1,8 A	3/8"

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

DISPENSERS AND PUMPS

DISPENSERS

EN. Antifreeze windscreen washing transfer centrifugal pump unit. Vertical installation with inbuilt connection. Basic equipment includes suction and delivery pipe 4 mt, manual nozzle, bottom suction filter, switch. Available with turbine metres (precision +/- 1%) and automatic nozzle. Universal motor with double insulated casing. 2" BSP and M 64x4 drum connection.

ZH. 防冻液及玻璃水用离心泵。垂直安装，内置接头。标配带有4米长的进出液管、手动加油枪、吸液油滤网底阀、内置开关。可选带数字涡轮流量计(精度+/- 1%)和自动加油枪型。通用电机连双层绝缘外壳。2" BSP和M 64x4油桶接头。

PUMPS

The careful analysis of the market and the experience of handling aggressive fluids, such as UREA, lead PIUSI to develop a new type of diaphragm pump equipped with electric motor without any dynamic seals. This solution provides a reliable industrial pump together with self priming capabilities.

- Absence of dynamic seals
- ON/OFF switch
- 2 m cable with socket

PUMPS液泵

由于派优士公司对市场需求十分重视，加上在处理尿素之类的腐蚀性液体处理中获得的经验，研制出一种配有电机且无动态密封的新型隔膜泵。泵具有自吸能力。

- 无动态密封
- ON/OFF开关
- 2米电缆连插座。

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
DISPENSERS					
F00202020	4,8	10,6	360x360x180	14,2x14,2x7,1	1
F00202060	4,8	10,6	360x360x180	14,2x14,2x7,1	1
F00202100	4,8	10,6	360x360x180	14,2x14,2x7,1	1
F00202000	4,5	9,9	360x360x180	14,2x14,2x7,1	1
F00202040	4,5	9,9	360x360x180	14,2x14,2x7,1	1
F00202080	4,5	9,9	360x360x180	14,2x14,2x7,1	1
PUMPS					
F0020301A	7	15,4	350x180x280	13,8x7,1x11	1
F0020300E	7	15,4	350x180x280	13,8x7,1x11	1
F0020400A	3,6	7,9	350x180x280	13,8x7,1x11	1
F00204010	3,6	7,9	350x180x280	13,8x7,1x11	1



Flow-rate

up to
35 l/min
(up to 9 gpm)



PIUSI[®]

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

DISPENSER



Pico 12 K24 M



PUMP



SuzzaraBlue AC pump



SuzzaraBlue DC pump

FEATURES

On/Off switch



Electric cable



Electric cables length 6 m with clamps

ON REQUEST

Automatic nozzle



Kit handle



Code R16175010

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Meter	Flow-rate		AC Volt	DC Volt	Duty cycle	On/off switch	Cables	Nozzle	Inlet/Outlet
				l/min	gpm							
DISPENSERS												
F00202020	Pico230 K24 M	WA	K24	35	9	230/50	-	-	YES	YES	Man.	-
F00202060	Pico12 K24 M	WA	K24	30	8	-	12	30	YES	YES	Man.	-
F00202100	Pico24 K24 M	WA	K24	30	8	-	24	30	YES	YES	Man.	-
F00202000	Pico230 M	WA	-	35	9	230/50	-	-	YES	YES	Man.	-
F00202040	Pico12 M	WA	-	30	8	-	12	30	YES	YES	Man.	-
F00202080	Pico24 M	WA	-	30	8	-	24	30	YES	YES	Man.	-
PUMPS												
F0020301A	SuzzaraBlue AC pump 230/50	WA	-	30 - 35	8 - 9	230/50	-	20	YES	YES	-	hose tail 3/4"
F0020300E	SuzzaraBlue AC pump 120/60	WA	-	30 - 35	8 - 9	120/60	-	20	YES	YES	-	hose tail 3/4"
F0020400A	SuzzaraBlue DC pump 12V	WA	-	30 - 35	8 - 9	-	12	20	YES	YES	-	hose tail 3/4"
F00204010	SuzzaraBlue DC pump 24V	WA	-	30 - 35	8 - 9	-	24	20	YES	YES	-	hose tail 3/4"

NOZZLES AND METERS

NOZZLES

EN. Antifreeze windscreen washing liquid nozzles. Specially made of strong plastic material, they are also available with K400 electronic flow meter.
Performance:
Flow rate: from 1 to 120 l/min
Precision: +/- 0.5 %
Max pressure: 25 bar

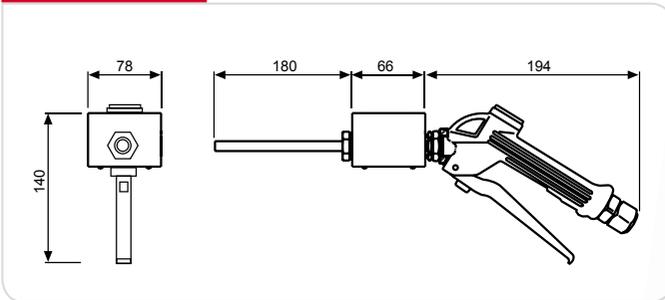
ZH. NOZZLES加注枪
防冻液和玻璃水用加注枪。采用结实轻盈的塑胶制成，配有K400型电子流量计。
性能：
流量：1到120公升/分钟
计量精度：+/- 0.5 %
最高压力：25bar

METERS

Digital turbine meters. Easy to install, in line or at the end of a delivery pipe, equipped with adjusting screen for easy reading.
The ideal instrument for controlling fluid dispensing. Sturdy casing and a sealed electronic card make it suitable for use in practically all conditions.

METERS流量计
涡轮数字流量计。安装简便，可安装在管线上或者加注枪上，流量计显示可调整位置方便读数。
结实的外壳和封闭的电路板可以却表流量计使用在任何的条件下。

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
NOZZLES					
F00976W0A	0,95	2,1	300x390x260	11,8x15,4x10,2	1
F00976W10	0,45	1	203x320x88	8x12,6x31,5	1
F0063001A	0,2	0,4	-	-	1
METERS					
F0040710A	0,5	1,1	Blister	Blister	1
F0040721B	0,4	0,9	115x160x135	4,5x6,3x5,3	1
F00870020	1	2,2	-	-	1
F0049503B	1,2	2,6	225x125x150	8,9x4,9x5,9	1

Flow-rate

up to
120 l/min
(up to 30 gpm)

Accuracy

+/-
0,5 %



PIUSI

NOZZLES



Easy windscreen

Easy windscreen with K400 meter

METERS

REGISTERED DESIGN **PATENTED**



One socket included

K24 turbine digital meter



Manual nozzle with K24

FEATURES

Oval gear



Rotable display



ON REQUEST

Manual nozzle



Pulsar version



Remote display



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Batteries size N no.	Inlet	Outlet
			l/min	gpm	bar	psi			
NOZZLES									
F00976W0A	Easy windscreen with K400 meter	WA	1 - 30	0,3 - 8	25	362	2	1/2" BSP	-
F00976W10	Easy windscreen	WA	-	-	25	362	-	1/2" BSP	-
F0063001A	Manual nozzle	WA	1 - 80	0,3 - 21	3,4	49	-	3/4" hose tail	-
METERS									
F0040710A	K24 Turbine digital meter M/M 1" BSP	WA	5 - 100	1,3 - 26,4	10	145	-	M 1" BSP	M 1" BSP
F0040721B	K24 Pulse Meter M/MF 1" BSP	WA	5 - 100	1,3 - 26,4	10	145	-	F 1" BSP	M 1" BSP
F00870020	Manual nozzle with K24	WA	5 - 80	1,3 - 21	3,4	49	2	-	-
F0049503B	Remote display with Pulse OUT	WA	-	-	-	-	-	-	-

VISCOSITY

USABLE VISCOSITY CHART (units: cSt = mm²/s)

Type of oil:	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	+20°C	+25°C	+30°C	+35°C	+40°C
60 Spindle oil	380	220	130	87	60	40	30	22	17	13		
90 Refrigerator oil	430	270	280	122	90	65	48	36	28	23		
150 Refrigerator oil	900	550	330	240	160	110	80	60	46	36		
90 Turbine oil	1.100	700	440	290	200	140	100	75	63	40		
150 Spindle oil	2.000	1.000	600	360	230	150	100	75	55	46		
SAE - 10 W	1.150	700	460	300	220	150	110	85	65	36		
ISO 32 aut. machines oil	1.800	1.000	600	400	260	180	125	90	70	53		
120 Machine oil	3.000	1.600	1.000	620	400	265	180	130	95	75		
300 Refrigerator oil	3.300	1.800	1.000	700	420	280	190	130	95	75		
140 Turbine oil	3.500	2.000	1.200	750	500	320	240	170	120	95		
SAE - 20	3.500	2.000	1.200	800	530	370	260	190	140	105		
160 Machine oil	4.300	2.500	1.400	900	600	400	285	190	140	105		
ISO 68 Lubricant	5.000	2.800	1.700	1.100	650	400	300	210	150	130		
180 Turbine oil	5.000	3.000	1.800	1.050	700	460	320	220	160	120		
200 Turbine oil	6.500	3.800	2.200	1.300	800	550	360	260	180	135		
SAE - 80 Gear oil	7.000	4.000	2.400	1.400	900	600	400	280	200	150		
SAE - 30	9.000	5.000	3.000	1.800	1.150	750	500	340	240	180		
ISO - 100	11.000	5.500	3.200	2.000	1.200	800	500	350	250	180		
SAE - 40		8.000	4.500	2.700	1.600	1.050	720	500	340	250		
ISO - 150	18.000	10.000	5.500	3.200	2.000	1.250	800	550	380	280		
SAE - 90 Gear oil			7.000	4.200	2.500	1.800	1.000	700	480	340		
SAE - 50			8.000	5.000	3.000	1.800	1.200	800	530	380		
ISO - 220			10.000	5.500	3.200	2.200	1.300	900	600	420		
SAE - 60				9.000	5.500	3.400	2.000	1.350	900	650		
ISO - 320			17.000	9.500	5.500	3.300	2.100	1.400	900	650		
SAE - 140 Gear oil				10.000	6.000	3.800	2.300	1.400	1.000	700		
ISO - 460				14.000	8.000	4.800	3.000	1.900	1.100	900	620	460
ISO - 680					14.000	8.000	5.000	3.000	2.100	1.400	950	680
ISO - 1000						14.000	8.000	5.000	3.100	2.100	1.500	1.000
ISO - 1500							14.000	8.000	5.000	3.100	2.200	1.500

 = Viscomat 70
 Viscomat 90
 Viscomat DC 60/2

 +  = Viscomat 200/2
 Viscomat 230/3
 Viscomat 350/2
 Viscomat DC 60/1
 Viscomat DC 120/1



DISPENSERS

218

236

NOZZLE



PUMPS

230

240

FLUID MONITORING



METERS

234

252

ACCESSORIES



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING

DISPENSERS PIUSI THREE25

NEW



EN. PIUSI THREE25: The New AdBlue® Dispenser System for IBC tanks.

Created to ensure optimum durability and efficiency, the Piusi Three25 administers a 32.5% urea solution that is protected by our AdBlue® 3D filter which prevents the contamination of your ADBLUE® and in turn allows for an increased life of the catalyst. The Piusi Three25 features a complete, turnkey system that gives users the ability to safely dispense their ADBLUE® and UREA fluids.

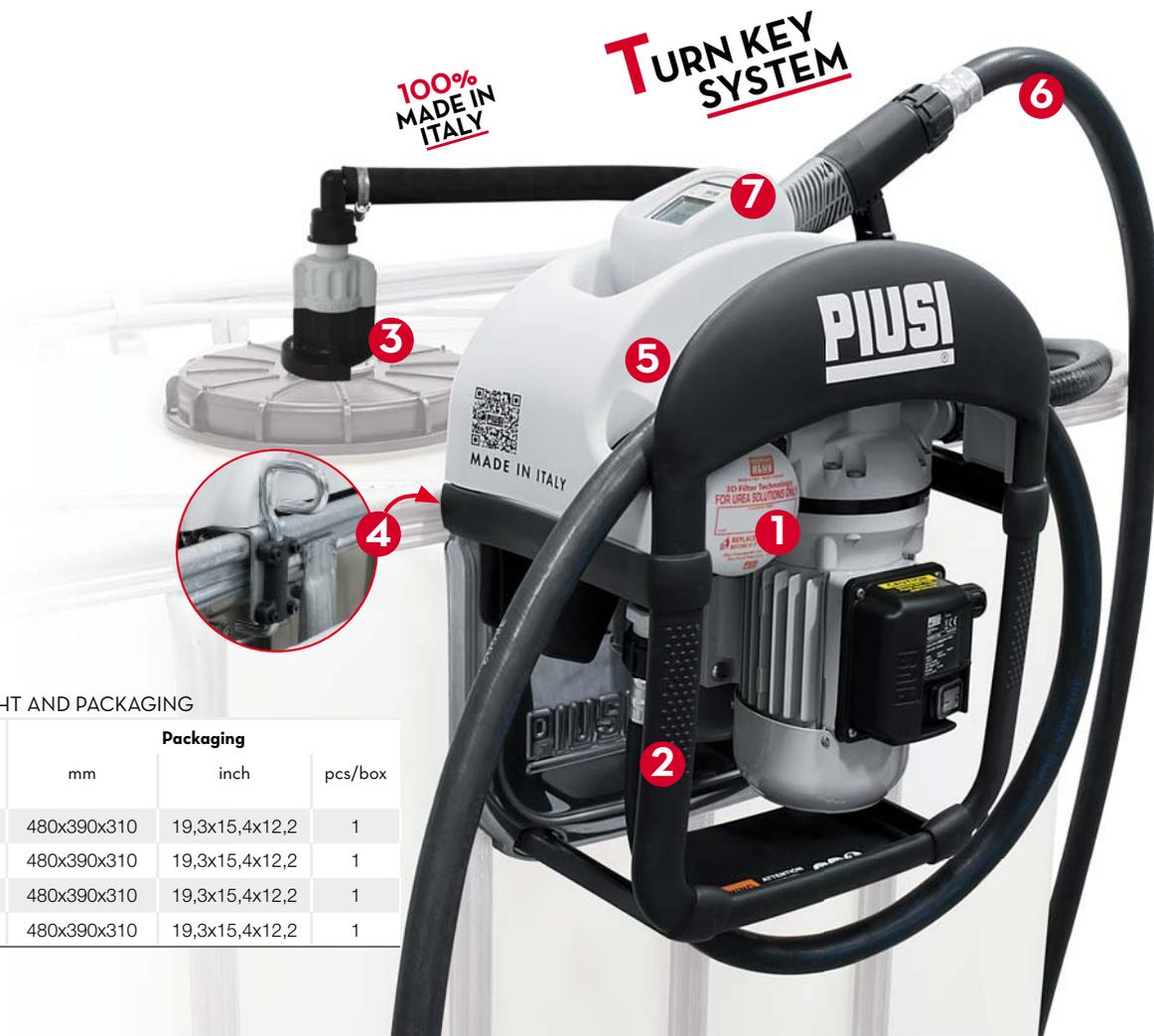
Current market research and demands have encouraged 7 major technical and structural innovations to the PIUSI THREE25.

1. AdBlue® 3D Filter
2. Sturdy, stainless steel, plate with roll bar protection.
3. SEC connector for plastic couplings or new Piusi DEF Coupler (PDC) for common IBC tank steel coupling systems
4. New security lock bracket system
5. High Capacity Hose Holder and Practical Nozzle Holder
6. Crimped EPDM delivery hose
7. New SB325/SB325-meter automatic nozzle with break-away system and stainless steel spout.

ZH. PIUSI THREE25 新型的IBC集装箱用AdBlue车用尿素加注系统。

为了确保催化器的寿命和效率，必须使用高纯度的尿素溶液（32.5%的高纯度尿素和纯净水的溶液）融合7大创新技术和结构革新，PIUSI应市场需求开发出了全新的THREE25加注系统市场上独一无二的产品。

1. AdBlue用3D过滤器
2. 带防倾转柄不锈钢板结构结实耐用
3. PIUSI THREE25 配带新的PDC连接器（110V AC型）能够快速安全地与集装箱的不锈钢接头或传统的SEC塑料接头（230V型）连接。加长吸管按需提供。
4. 新型安全锁定支架
5. 高强度管座和人机工学枪托
6. 三元乙丙橡胶输液管
7. PIUSI THREE25 配带新SB325自动枪，型号为SB325，新型高分子材料结构，不锈钢枪头带自动关断阀。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00101000	14,5	32	480x390x310	19,3x15,4x12,2	1
F00101010	14,5	32	480x390x310	19,3x15,4x12,2	1
F00101020	14,5	32	480x390x310	19,3x15,4x12,2	1
F00101030	14,5	32	480x390x310	19,3x15,4x12,2	1



FEATURES

AdBlue® long life 3D Filter



Code F00611D10

SEC connection



New Safety lock bracket system



Large & Robust Hose Holder



Sturdy Stainless Steel Plate



Crimped EPDM delivery hose



SB325 nozzle



SB325 nozzle meter



AC Pump



K24 meter



Piusi DEF Coupler



For typical stainless steel connector
Code F18910000

ON REQUEST

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Voltage			Meter mod.	Nozzle type	Suction	Hose lenght Ø 3/4"	On/Off switch	
			AC V/Hz	DC Volt	Power Watt						Amp. max.
F00101000	Piusi Three25 + K24 + SB325 + SEC	U	230/50		400	1,95	K24	SB325	SEC	6 m	YES
F00101010	Piusi Three25 + SB325 Meter + SEC	U	230/50		400	1,95	YES	SB325 Meter	SEC	6 m	YES
F00101020	Piusi Three25 + K24 + SB325 + Ext. Suct.	U	230/50		400	1,95	K24	SB325	BOTTOM	6 m	YES
F00101030	Piusi Three25 + SB325 Meter + Ext. Suct.	U	230/50		400	1,95	YES	SB325 Meter	BOTTOM	6 m	YES

Available with different voltage 60 Hz frequency

DISPENSERS

SUZZARABLU SIDE PRO/BASIC



EN. The dispensing group has been designed to be easily moved from an IBC tank to another.

We have installed a self priming diaphragm pump, without dynamic seal, in order to reduce the need of maintenance.

The group is provided with an accurate meter to display the quantity dispensed and with an automatic nozzle to make the filling operation easier.

ZH. 这种尿素加注机可以方便地从一个IBC集装箱移动到另一个桶。该加注机有一个自吸隔膜泵，无动态密封，以减少保养要求。系统配一个精确的流量表来显示加油量以及一把自动加注枪，操作简便。

PERFORMANCE

SUZZARABLU BASIC

Stainless steel base.

Pump.

Manual nozzle.

Delivery hose 6 m.

Suction hose 1,5 m.

Hose tail and clamps.

SUZZARABLU BASIC基本型尿素加注机 配置

不锈钢支架。

电动隔膜泵。

手动加注枪。

6米送液管。

1.5米吸液管。

管接头和管箍。

SUZZARABLU PRO

Stainless steel base with nozzle holder.

Heavy duty pump.

Meter K24.

Automatic stainless steel nozzle.

Delivery hose 6 m.

Suction hose 1,5 m.

Hose tail and clamps.

SUZZARABLU PRO 加强型加注机 配置

不锈钢板支架连枪座。

电动隔膜泵。

K24流量表。

不锈钢自动加注枪。

6米送液管。

1.5米吸液管。

管接头和管箍。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00201B1A	16	35,3	480x370x265	18,3x14,6x10,4	1
F00201C9A	16	35,3	480x370x265	18,3x14,6x10,4	1
F00201BAB	16	35,3	480x370x265	18,3x14,6x10,4	1
F00201A8A	12,6	27,8	480x370x265	18,3x14,6x10,4	1
F00201B2A	16	35,3	480x370x265	18,3x14,6x10,4	1
F00201E8A	16	35,3	480x370x265	18,3x14,6x10,4	1
F00201E7A	16	35,3	480x370x265	18,3x14,6x10,4	1
F00201A9A	12,6	27,8	480x370x265	18,3x14,6x10,4	1

Flow-rate

up to
32 l/min
(up to 8,5 gpm)

Accuracy

+/-
1%



DISPENSERS



SUZZARABLU BASIC



SUZZARABLU PRO (K24+SB325 nozzle)



SUZZARABLU EXTERNAL SUCTION

PUMPS

METERS



SUZZARABLU BASIC 12V



SUZZARABLU PRO (K24+A6O inox nozzle)



SUZZARABLU TROLL
(SIDE + TROLL Code R12068010
+ DIP TUBE Code F15606000)

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

INCLUDED

SEC connection



ON REQUEST

K24 meter



Automatic nozzle SB325 meter



Troll



Code R12068010

Dip tube



Code F15606000

FLUID MONITORING

ACCESSORIES

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Meter mod.	Nozzle type	Suction	Hose lenght Ø 3/4"	On/Off switch
			l/min	gpm	AC V/Hz	DC Volt	Power Watt					
F00201B1A	SUZZARABLU PRO K24 + Inox nozzle	U	32	8,5	230/50	400	1,95	YES	Aut.	SEC	6 m	YES
F00201C9A	SUZZARABLU PRO K24+SB325	U	32	8,5	230/50	400	1,95	YES	SB325	SEC	6 m	YES
F00201BAB	SUZZARABLU PRO K24+SB325+ ext. suction	U	32	8,5	230/50	400	1,95	YES	SB325	BOTTOM	6 m	YES
F00201A8A	SUZZARABLU PRO 12V K24 + Inox nozzle	U	35	9,2	12	260	22	YES	Aut.	SEC	6 m	YES
F00201B2A	SUZZARABLU BASIC	U	32	8,5	230/50	400	1,95	NO	Man.	SEC	6 m	YES
F00201E8A	SUZZARA BLUE BASIC + SB325	U	32	8,5	230/50	400	1,95	NO	SB325	SEC	6 m	YES
F00201E7A	SUZZARABLU BASIC + SB325 + 8 mt hose	U	32	8,5	230/50	400	1,95	NO	SB325	SEC	8 m	YES
F00201A9A	SUZZARABLU BASIC 12V	U	35	9,2	12	260	22	NO	Man.	SEC	6 m	YES

FILTERING

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

DISPENSERS

SUZZARABLU DRUM



EN. The dispensing group has been provided with a base that can be moved from one drum to another.

The group is composed by: a stainless steel base for the drum, pump, manual nozzle, delivery hose (6 m), suction hose.

ZH. 该加注机配有筒便挂架，可以有从一个储液桶转到另一个储液桶。机组构成：储液桶不锈钢支架、电动隔膜泵、手动加注枪、输液管(6米)、吸液管。

PERFORMANCE

- Duty cycle 20 min

- 最长工作循环20分钟



Not included

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0020135D	16	35,3	480x370x265	18,3X14,6X10,4	1
F00201D5B	16	35,3	480x370x265	18,3X14,6X10,4	1
F00201E5B	16	35,3	480x370x265	18,3X14,6X10,4	1

Flow-rate

up to
32 l/min
(up to 8,3 gpm)



PIUSI[®]

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



AVAILABLE WITH:



SB325
AUTOMATIC NOZZLE

AVAILABLE WITH:



SB325 METER
AUTOMATIC NOZZLE

INCLUDED

Manual nozzle



SEC connection



Dip tube



FEATURES

AC pump



On/Off switch



Automatic nozzle



Code F15606000

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Meter mod.	Nozzle type	Suction	Hose		On/Off switch
			l/min	gpm	AC V./Hz	Power Watt	Amp. max.				length	Ø	
F0020135D	SUZZARABLU DRUM	U	32	8,5	230/50	400	495	NO	Man.	SEC	6 m	3/4"	YES
F00201D5B	SUZZARABLU DRUM + SB325 nozzle	U	32	8,5	230/50	400	495	NO	SB325	SEC	6 m	3/4"	YES
F00201E5B	SUZZARABLU DRUM + SB325 nozzle meter	U	32	8,5	230/50	400	495	YES	SB325	SEC	6 m	3/4"	YES

UREA CAR DISPENSERS DELPHIN

NEW



EN. PIUSI, the market leader in solutions for AdBlue® (UREA) refilling, is proud to present the new SuzzaraBlue Delphin.

The new system is specially designed for use in motor vehicle workshops. Mounted on a sturdy trolley for ease of transport, it allows vehicle tanks to be refilled with urea in complete safety.

The 230 Volt membrane pump fills the Delphin's upper tank with urea, which is then transferred to the vehicle's tank by gravity. This innovative system avoids leaks and drips. It is versatile, easy to move and user friendly. Choose the reliability of Piusi solutions for all your refilling needs!

Piusi: high-quality Italian products.

ZH. PIUSI(派优士)是AdBlue®(尿素溶液)加注方案的欧洲领军者, 现隆重推出SuzzaraBlue Delphin 尿素液家主系统。

专为汽车修理厂研制的新型系统, 携带方便, 可安全地向车辆尿素箱加注尿素溶液。

Delphin由结实的推车构成, 车架上可承载尿素桶。230伏隔膜泵将顶部油箱装满, 然后通过重力作用向车辆进行加注。这种新系统可防止溢出和防滴漏功能。

轻便、移动式加注系统, 使用简单。

对于各种液体的输送、加注, “派优士” 产品是质量和信心的保证。

派优士: 高品质“意大利制造”。

FEATURES

EN.

1. Sturdy trolley for ease of transport
2. 230V electric pump
3. Delphin tank (20 litres)
4. Visual level indicator
5. Delivery hose and fitting valve for connection to the vehicle tank.

ZH.

1. 便携式结实推车
2. 230伏电动隔膜泵
3. Delphin储液箱(20公升)
4. 液面指示器
5. 连接汽车油箱的管道和阀门

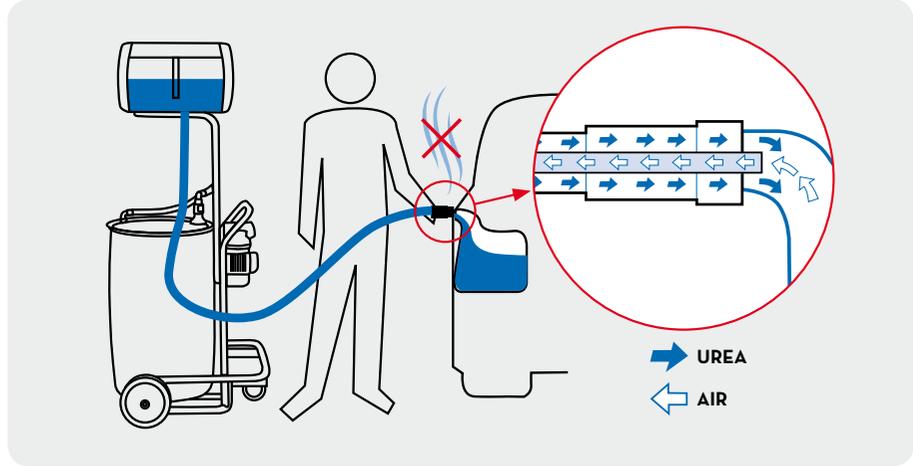
CLOSED SYSTEM

PATENT PENDING



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00100000	66	145.5	770x1080x800	30.3x42.1x31.5	1



EN. Closed System

During the refilling operation, the air in the vehicle tank is transferred to the Delphin's upper tank, avoiding all risk of AdBlue® being contaminated by external agents.

How It Works:

- Switch on the membrane pump to fill the Delphin's upper tank.
- Check the upper tank level using the visual level indicator.
- The Delphin tank's overflow system pumps any excess liquid back into the main storage drum.
- Connect the filling valve to the vehicle tank.
- Open the valve to refill the vehicle tank by gravity.
- Check the quantity dispensed by means of the visual level indicator.
- Operate the pump in order to remove the excess pressure in the car tank
- The trolley's sturdy structure enables it to transport a sufficient quantity of liquid for multiple refill operations.
- The filling valve for connection to the vehicle tank is compliant with ISO 22241 and ensures clean and easy refilling.
- Delphin has a visual level indicator that allows the quantity of liquid transferred to the vehicle tank to be monitored constantly.

ZH. 闭路系统

由于创新的Delphin系统，AdBlue®绝对不可能受到外部介质的污染。在加注期间，车辆油箱里的空气只能泄露到Delphin上的储液箱内。

操作流程:

- 启动230伏电动隔膜泵把Delphin上储液箱加满;
- 通过可视指示器检查油箱内的液面; 油箱的溢流装置可把Delphin储液箱内多余的液体流回到大桶内。
- 把管端阀门连接到车辆的油箱接口上;
- 打开阀门并开始重力加注;
- 通过可视液面指示器检查加注量;
- 启动电泵来去除车辆油箱内过多的压力。
- 坚固结实的推车可让操作人员预备充足的液体来进行更多的加注。
- 连接到车辆尿素箱的加注管端的阀门负荷ISO 22241标准，可进行简便洁净的加注。
- Delphin备有可视液面指示器，可令操作人员连续地检查加注到车辆内的液体量。

FEATURES



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Hose		On/Off switch
			l/min	gpm	AC V/Hz	DC Volt	Power Watt	Amp. max.	length	
F00100000	DELPHIN	U	6	1,6	230/50	400	1,95	2 m	3/4"	YES

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN

S DISPENSERS

SUZZARABLU BOX



EN. Metal box with lock and complete dispensing unit. Can be fitted to both the wall and the tanks, featuring an electronic flow meter K24 to monitor the dispensed quantity, automatic nozzle, bottom pipe and valve.

ZH. 把加注机套件放进一个带锁金属箱，既可安装在油罐上，也可安装在墙壁上，配K24流量计、自动加注枪、管道和底阀。

PERFORMANCE

- Duty cycle 20 min

- 最长工作循环20分钟



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0020196A	25	55,1	575x320x607	22,6x12,6x23,9	1

Flow-rate

up to
32 l/min
(up to 8,3 gpm)

Accuracy

+/-
1%



DISPENSERS



SUZZARABLU BOX



PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

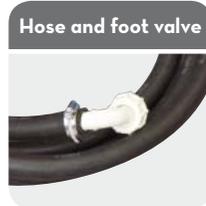
FEATURES

ON REQUEST

FLUID MONITORING

ACCESSORIES

FILTERING



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Meter mod.	Nozzle type	Hose		On/Off switch
			l/min	gpm	AC V/Hz	DC Volt	Power Watt			Amp. max.	length	
F0020196A	SUZZARABLU BOX	U	32	8,5	230/50	400	1,95	K24	Aut.	4 m	3/4"	YES

S DISPENSERS

SUZZARABLU PORTABLE KIT



EN. Portable Urea transfer unit with diaphragm pump complete with 12/230 V electric motor without dynamic seals. Thanks to this solution, a reliable industrial pump with self-priming features can be obtained.

Terminal box with switch and fuses to protect against overloads. 12/230V electric pump. 2-metre cables with battery-connection clamps. 6-metre hose for Urea - diameter 3/4". Manual plastic nozzle. Suction kit with EPDM 1.5 m hose and foot valve.

ZH. 便携式尿素溶液加注机，可配12V/230V无动态密封的隔膜泵。具有自吸功能。

泵控制盒内藏连开关和保险丝，防止超负荷运转。12V/230V电泵。带电瓶夹的2米电缆。6米尿素管，直径3/4"。塑料手动加注枪。1.5米EPDM吸液管和底阀套件。

PERFORMANCE

- Duty cycle 20 min

- 最长工作循环20分钟



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00201AA0	8	17,6	357x357x275	14,1x14,1x10,8	1
F00201C70	10	22	357x357x275	14,1x14,1x10,8	1

Flow-rate

up to
35 l/min
(up to 9,2 gpm)

PIUSI[®]

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

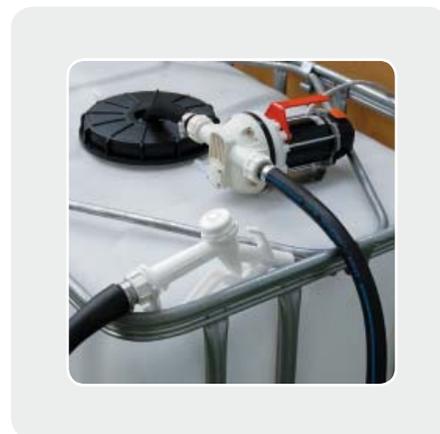
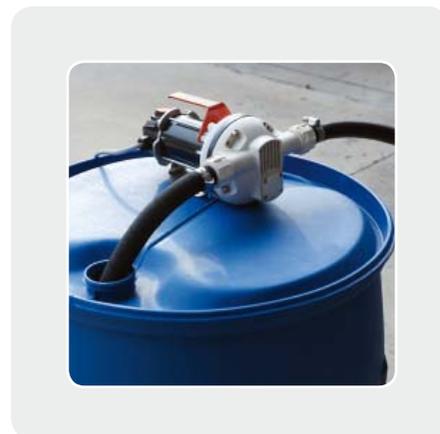
FLUID MONITORING

ACCESSORIES

FILTERING



SUZZARABLU
PORTABLE KIT



FEATURES

ON REQUEST



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Nozzle type	Hose		On/Off switch
			l/min	gpm	AC V/Hz	DC Volt	Power Watt		Amp. max.	length	
F00201AA0	SuzzaraBlue KIT 12 V	U	35	9,2	12	260	22	Manual	6 m	3/4"	YES
F00201C70	SuzzaraBlue KIT 230 V	U	32	8,5	230/50	400	1,95	Manual	6 m	3/4"	YES

S PUMPS SUZZARABLU PUMPS



EN. The careful analysis of the market and the experience of handling aggressive fluid, such as UREA, leads PIUSI to develop a new type of diaphragm pump equipped with electric motor without any dynamic seals. This solution provides a reliable industrial pump together with self priming capabilities.

ZH. 由于派优士公司对市场需求十分重视，加上在处理尿素之类的腐蚀性液体处理中获得的经验，研制出一种配有电机且不带动态密封的新型隔膜泵。该类电动泵具有自吸功能。

PERFORMANCE

SUZZARABLU AC PUMP

Technical features:

- Voltage 230/50 V
- Hose tail connection 3/4"
- Absence of dynamic seals
- ON/OFF switch
- 2 m cable with socket
- Duty cycle 20 min

SUZZARABLU AC PUMP交流尿素泵

技术特性:

- 电压230V / 50Hz
- 3/4" 管座接头
- 无动态密封
- ON/OFF开关
- 带插头的2米电缆
- 最长工作循环20分钟

SUZZARABLU DC PUMP

Technical features:

- Voltage 12 / 24 V
- Hose tail connection 3/4"
- Absence of dynamic seals
- ON/OFF switch
- 2 m cable with clamps
- handle available
- Duty cycle 20 min

SUZZARABLU DC PUMP直流尿素泵

技术特性:

- 12/24V电压
- 3/4" 管座接头
- 无动态密封
- ON/OFF开关
- 带电瓶夹的2米电缆连
- 备有手柄型可选
- 最长工作循环20分钟

PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0020301A	7	15,4	350x180x280	13,8x7,1x11	1
F0020300E	7	15,4	350x180x280	13,8x7,1x11	1
F0020400A	3,6	7,9	350x180x280	13,8x7,1x11	1
F00204010	3,6	7,9	350x180x280	13,8x7,1x11	1



Flow-rate

up to
36 l/min
(up to 9,2 gpm)



DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



SUZZARABLU AC PUMP



SUZZARABLU DC PUMP

FEATURES

On/off switch



ON REQUEST

Kit handle



Code R16175010

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Voltage			Cables mod.	Inlet - Outlet BSP	On/Off switch	
			l/min	gpm	AC V./Hz DC Volt	rpm	Power Watt				Amp. max.
F0020301A	SuzzaraBlue AC pump 230/50	U	34	9	230/50	1450	400	1,95	YES	3/4"	YES
F0020300E	SuzzaraBlue AC pump 120/60	U	34	9	120/60	1400	400	1,95	YES	3/4"	YES
F0020400A	SuzzaraBlue DC pump 12V	U	36	9,2	12	2800	260	22	YES	3/4"	YES
F00204010	SuzzaraBlue DC pump 24V	U	36	9,2	24	2800	310	13	YES	3/4"	YES

S PUMPS SUZZARABLU HAND PUMP



EN. The delivery system includes an easy to install and remove hand pump designed for a drum.

The delivery occurs through the spout (external diameter 1").

ZH. 加注机组由手动泵组成，从储液桶上拆除和安装简便。

输送操作时通过专用的管嘴(外径1")进行。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00332090	1,5	3,3	160x340x140	6,3x13,4x5,5	1
F00332100	3,4	7,5	510x240x150	20,1x9,5x5,9	1
F0033205A	1,8	4	160x340x140	6,3x13,4x5,5	1
F0033208A	3,4	7,5	345x175x255	13,6x6,9x10	1

Piston hand pump



Rotative hand pump



Piston hand pump (with complete kit)



Rotative hand pump (with complete kit)



ON REQUEST

Adapter



Code **R1512800A**
Adapter for hand pump:
Mauser drum

Code **F15236000**
Adapter for hand pump:
Greif drum

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Spout BSP	Hose		Dip pipe	Complete kit	Mauser and Greif adapter for drum
				length	Ø			
F00332090	Piston hand pump (with dip pipe)	U	3/4"	-	-	YES	-	-
F00332100	Piston hand pump (with complete kit)	U	3/4"	3 m	3/4"	-	YES	YES
F0033205A	Rotative hand pump (with dip pipe)	U	3/4"	-	-	YES	-	-
F0033208A	Rotative hand pump (with complete kit)	U	3/4"	3 m	3/4"	-	YES	YES



K ELECTRONIC AND PULSE-METERS 24 AND TURBINOX

EN. K24 METER This meter is easy to install, in line or at the end of the delivery hose, and is provided with a compact easy readable display. It is possible to apply the meter directly on the nozzle. Users can easily replace the 2 batteries. Display can be rotated in 4 different positions. Impulse type signals: single channel, reed switch.

Electronic card with LCD display: 5 digit partial total from 0.1 to 99999, 6 digit total from 1 to 999999. Resettable total available. Flow rate indication.

K24 PULSE-METER

Type of output signal: raw signal (reed switch), single channel. Max 28 V Ac/dc 100 mAmp (87,73 pulse/l).

TURBINOX INLINE PULSE METER

This meter is easy to install. A tight stainless steel body provides endurance for use in every condition. Also available is a pulser display to connect to an external receiver. User can easily replace the 2 display batteries.

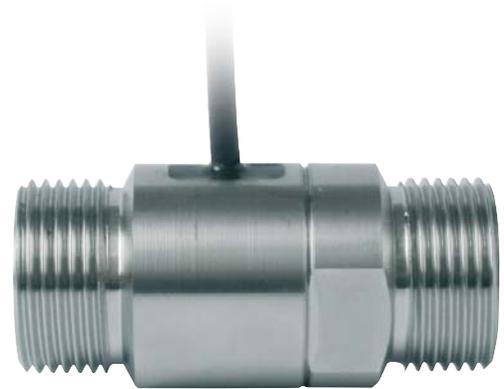
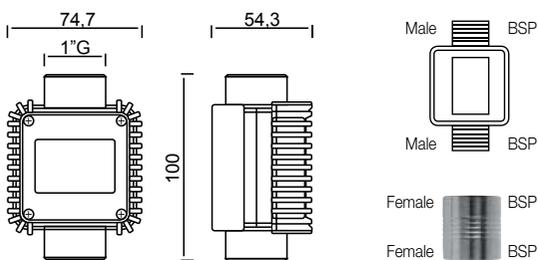
ZH. K24 流量计 安装简便，可安装在管线上或者加注枪端，配有阅读方便的显示器。可直接把计量器安装在加注枪上。显示器由两节电池供电，更换方便。显示器可一转换4个方向，方便读数。

脉冲信号：单信道，干簧管。
电子板加LCD显示器：小计总数5位，从0.1到99999，总数6位，从1到999999。单次小计可清零。有流量指示。

K24 PULSE-METER 脉冲流量计
输出脉冲信号类型：单信道、干簧管。最高28 V Ac, 100 mA (87.73个脉冲/公升)。

TURBINOX INLINE PULSE METER 管道安装涡轮脉冲流量计
此流量计安装简便。坚固的不锈钢密封壳体经久耐用，几乎适合于任何条件下使用。可选外部连接显示器。显示器由两节电池供电，更换方便快捷。

DIMENSIONS



REGISTERED DESIGN

PATENTED



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0040710A	0,4	0,9	Blister	Blister	1
F0040721B	0,4	0,9	115x160x135	4,5x6,3x5,3	1
F0042000A	0,5	1,1	80x80x75	3,1x3,1x3	1
F0042001A	0,5	1,1	80x80x75	3,1x3,1x3	1
F00410000	1,2	2,6	225x125x150	8,9x4,9x5,9	1
F0049503B	1,2	2,6	225x125x150	8,9x4,9x5,9	1
F16073000	2,4	3,1	Box	Box	20

Flow-rate
up to
100 l/min
(up to 26,4 gpm)

Accuracy
+/-
1%



PIUSI

DISPENSERS

PUMPS

METERS

NOZZLE METERS

NOZZLE

SPECIAL EQUIPMENTS

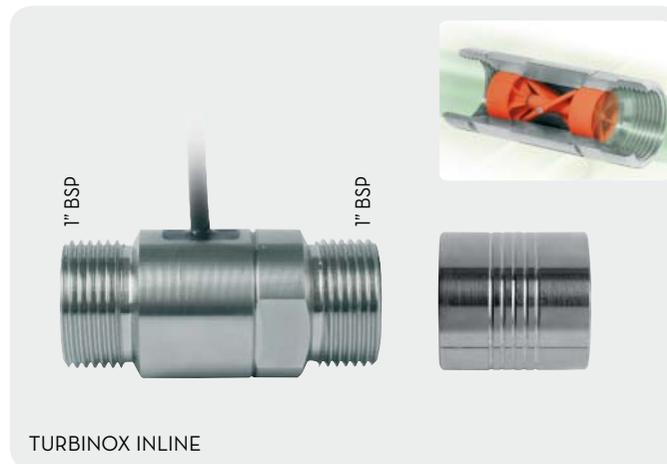
FLUID MONITORING

ACCESSORIES

FILTERING



K24 METER



TURBINOX INLINE



K24 METER
Rotable display



TURBINOX 90°

ON REQUEST



Socket 1" BSP/BSP



Plastic fitting



Plastic fitting



Pulsar version



Remote display

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure		Display	Pulse out (p/l)	
			l/min	gpm	bar	psi		Pulse version	Display version
F0040710A	K24 Meter (1 socket)	U	5 ÷ 100	1,3 - 26,4	10	145	YES	-	-
F0040721B	K24 Pulse-meter (1 socket) (87,73 pulse/l)	U	5 ÷ 100	1,3 - 26,4	10	145	NO	88	-
F0042000A	TURBINOX Inline turbine pulse meter	U	10 ÷ 40	2,6 - 10,6	20	290	NO	88	-
F0042001A	TURBINOX 90° turbine pulse meter	U	10 ÷ 40	2,6 - 10,6	20	290	NO	88	-
F00410000	TURBINOX 90° turbine pulse meter w/display Urea	U	10 ÷ 40	2,6 - 10,6	20	290	YES	88	1 ÷ 100
F0049503B	Remote display with Pulse OUT		-	-	-	-	YES	-	1 ÷ 100
F16073000	Socket 1" BSP/BSP (20 pcs)		-	-	-	-	-	-	-

SB325 / SB325 METER

NEW



EN. The new SB325 automatic nozzle features a innovative technopolymer casing, break-away system, and a stainless steel spout. Designed in compliance with International Standards ISO/ FDIS 2241-4:2009 concerning AdBlue® dispensing nozzles.

The new automatic nozzle design features a reliable, ergonomic, and flexible shell that protects against weathering and UV radiation. The nozzle is also available with a built-in electronic turbine flow meter

Mis-filling Kit Spout

This kit allows you to transform a standard SB325 nozzle into an SB325 mis-filling system by simply fitting a different spout onto the nozzle. This system will prevent a potential mis-fill when the SB325 mis-filling spout is used in conjunction with the magnet in the opening of the tank. The Piusi Magnetic Adaptor allows the SB325 mis-filling spout to be used with all tanks.

ZH. SB325的特点是带有Break-Away系统的钢质管接头，由工程塑料制成。专门为符合ISO/ FDIS 2241-4:2009就AdBlue®加注枪的标准而设计。

全新自动加注枪可靠性高符合人机工学。保护外壳坚固且具弹性，由耐候性强并耐紫外线的工程塑料制成。

防混自控套件

通过这套件，只需简单地更换管嘴，就可把标准版SB32转换成带有防混自控功能的SB32了。

这样只有磁性尿素箱口时才进行加注，从而避免了错混。

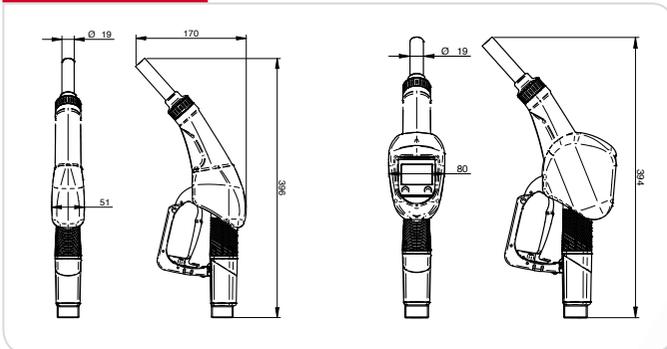
PERFORMANCE

- Liquid compatible UREA (according to DIN 70070) and others (*).
 - Liquid viscosity range from 1 to 6 cSt.
 - Inlets 3/4" with hose end-fitting
 - Spout outer diameter: 19 mm.
 - Material in contact with the liquid, according to ISO 22241-2:2006.
- (* Ask for other chemical liquid compatible.

- 与尿素液(符合DIN 70070)和其他类似液体兼容(*)。
- 粘度从1到6 cSt。
- 1" BSP 外螺纹入口。
- 枪口外径: 19 mm。
- 与液体接触的材料符合ISO 22241-2:2006。

(* 其它兼容的化学液体请与我们联系。

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00617000	0,7	1,5	447x178x63	17,6x7x2,5	1
F00617010	1,0	2,2	447x178x85	17,6x7x2,5	1
F19174000	-	-		Blister	1
F18400000	-	-		Blister	1



STAINLESS STEEL SPOUT

BREAK-AWAY SYSTEM

PATENTED

MISFILLING KIT SPOUT

Flow-rate

up to
35 l/min
(up to 9 gpm)



PIUSI



QUICK AND EASY SPOUT REPLACEMENT



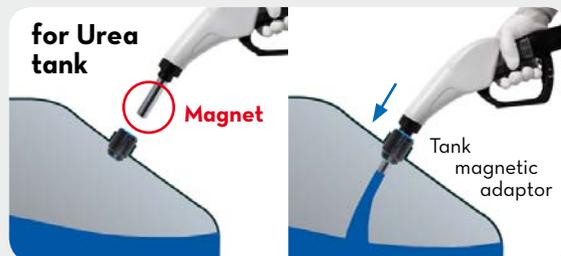
EN. Safety is guaranteed by the break-away system. In the event that a vehicle accidentally drives away with the nozzle still in the tank, the spout is designed to detach from the nozzle. This system also allows for a quick repair by merely fitting a new spout onto the nozzle.

ZH. 瞬断系统可以保证安全：当车辆忽然启动，但加注枪仍旧在邮箱口内，枪嘴可以从枪体上脱离，保证车辆和加注枪的安全。

MISFILLING SYSTEM ON REQUEST



SB325 Misfilling
+ Piusi Magnetic Adaptor



SB325 Misfilling

FEATURES



Multifunction display
5 digit partial. Total. Resettable total and calibration available. Low battery icon.

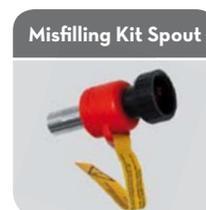


Stainless steel Spout
Code: R19172000 (misfilling spout)
Code: R19173000 (standard spout)

ON REQUEST



Piusi magnetic adaptor
Code: F18400000



Misfilling Kit Spout
Piusi magnetic adaptor + stainless steel spout with misfilling system
Code: F19174000



Tank Magnetic adaptor
Code: F15165000

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Magnetic adaptor	Meter	Pressure bar	Inlet	Swivel	Spout ext. Ø
			l/min	gpm						
F00617000	Automatic Nozzle SB325	U	35	9	NO	NO	3,5	3/4"	NO	19 mm
F00617010	Automatic Nozzle SB325 Meter	U	35	9	NO	YES	3,5	3/4"	NO	19 mm
F19174000	Misfilling Kit Spout (Misf.spout + Piusi Magn. Adapt.)	U	-	-	YES	-	-	-	-	19 mm
F18400000	Piusi Magnetic Adaptor	U	-	-	YES	-	-	-	-	-

MANUAL NOZZLES

SUZZARABLU NOZZLES



EN. Piusi nozzles are all made from materials compatible with Urea.

Manual nozzle distinguished by high efficiency thanks to its the low flow resistance and inexpensive operation.

Automatic nozzle featuring a device that stops the flow when the tank is full. Complete with hose-tail fitting.

ZH. PIUSI 派优士加注枪全部使用兼容尿素的材料制成。

手动加注枪流量高，其流动阻力极低。

自动加油枪备有尿素箱满载时自动关停功能，带管接头。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0061903B	2,6	5,7	357x357x275	14,1x14,1x10,8	1
F14761000	0,2	0,4	800x480x300	31,5x18,9x11,8	1

Flow-rate

up to
80 l/min
(up to 21,1 gpm)



SUZZARABLU
MANUAL NOZZLE



SUZZARABLU
AUTOMATIC NOZZLE

ON REQUEST

Adapter K24



for automatic nozzle
M 3/4" BSP - F 1" BSP
Code **F16475000**

Plastic adapter



for K24 manual
nozzle
Code **F15776000**

AVAILABLE

**SB325
nozzle**



**SB325
nozzle meter**



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Flow-rate		Pressure bar	Inlet BSP	Swivel	Spout ext. Ø
			l/min	gpm				
F0061903B	Automatic nozzle	U	80	21,1	3,4	3/4"	YES	3/4"
F14761000	Manual nozzle	U	40	10,6	3,4	3/4"	NO	3/4"



FLUID MONITORING MC BOX SYSTEM

EN. Multi-user control panel with accessories for PC connection.

MC BOX permits: Pump ignition, identification of authorised users, Pre-selection of dispensed quantity, Management of pulse metre, Management of an external switch to switch off pump at minimum level, Management of micro switch connected to nozzle support, Connection to an external printer.

Technical features: Panel with dual display, keyboard and i-button reader. Controls up to 120 users through passwords or i-button keys. Calculates consumption of each individual user. Local memory up to last 255 operations. Possibility of inserting vehicle registration number, kilometres, date and time of dispensing.

Dedicated software for printing individual detailed summaries.

Possibility of managing up to 16 panels with one software. Key reader with USB socket for exporting data. RS converter with USB socket for direct connection with PC via cable up to 1000 metres.

ZH. 多用户电子控制模块，附带PC连接附件。

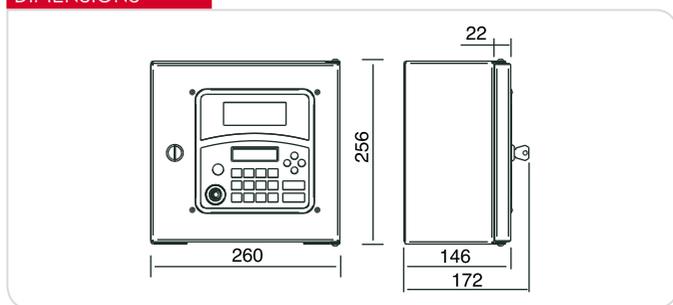
MC BOX可实现：油泵启动；用户识别许可；加注量预设；脉冲计量表管理；预设最低油位由外部开关关闭油泵；枪座上的微动开关管理和外部打印机连接。

特性：双显示屏、键盘和i-button按钮阅读器。通过密码或i-button按钮可管理多达120个用户。每个终端定期消耗汇总功能。系统内存可以记录最近的255个操作。可输入车辆编码和公里数。加油日期和加注量。对用户加注状况统计及合计的打印专用软件。一套软件可管理16个面板。USB插口可以导出数据。通过带USB-RS转换的可达1000米电缆连接PC。

PERFORMANCE

- Up to 120 users
- PC connection
- Data management software
- AC and DC versions available
- 多达120个用户
- 连接PC
- 数据管理软件
- 交流电源和直流电源可选

DIMENSIONS



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0057201B	9	19,4	480x370x265	18,9x14,6x10,4	1
F1398000C	5	19,4	480x370x265	18,9x14,6x10,4	1
F1398003C	5	19,4	480x370x265	18,9x14,6x10,4	1
F1398005B	5	19,4	480x370x265	18,9x14,6x10,4	1
F1398006B	5	19,4	480x370x265	18,9x14,6x10,4	1
F1398001B	6	13,2	480x370x265	18,9x14,6x10,4	1
F1398002B	6	13,2	480x370x265	18,9x14,6x10,4	1





FEATURES

ON REQUEST

Easy access to connection

Oval gear pulse meter

Turbine pulse meter

Self service desk software

Level control

Ocio Level indicator

Display cover

K600/2-3 3/4" oil
Code F00472A20
K600/3 1" diesel
Code F00472A00

K24 1" UREA
Code F0040721B

See "Fluid monitoring" section

Code F17121000 for Diesel only

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Users	Voltage			Meters
				AC V./Hz DC Volt	Power Watt	Amp. max. (load motor)	
F0057201B	MC BOX complete *	B D O	80	230/50	35	6,5	K600/3
F1398000C	MC BOX (any fluids)	B D G O K	80	230/50	35	6,5	-
F1398003C	MC BOX (any fluids) 120 V	B D G O K	120	120/60	35	6,5	-
F1398005B	MC BOX (any fluids)	B D G O K	120	230/50	35	6,5	-
F1398006B	MC BOX (UREA)	U	120	230/50	35	6,5	-
F1398001B	MC BOX 12V	B D G O K	120	12	10	50	-
F1398002B	MC BOX 24V	B D G O K	120	24	10	25	-

* Complete by: CD rom with software, 10 lbutton user key, 1 lbutton manager key, USB plug lbutton key reader for PC

FLUID MONITORING SELFSERVICE DESK



EN. Software can be used with all Piusi products equipped with PC data interfaces (Cube MC, SelfService MC and FM, MC-BOX).

The software arranges dispensing data for analysis and print out.

Data can be sent direct to a PC via cable (A) via LAN (C), via WIFI (D) or via an electronic key with memory and a key reader for connecting to PC (B).

ZH. 可用于所有派优士产品的软件备有PC(Cube MC、SelfService MC和FM、MC-BOX)连接功能。负责处理加注数据的软件可进行分析 and 打印。

数据可通过以下方式导出到个人计算机上:

电线(A)、LAN(C)、WIFI(D)或通过电子钥匙和钥匙阅读器连接到PC(B)上。



A



PC interface PW 14
Code **F127100OC**

Composed by
1 USB converter PW 14
+ CD with Software
to install on PC

B



Kit Key with USB plug
Code **F1414404O**

Composed by:
1 Manager red key
+ 10 User yellow keys
+ Key reader to transfer
data to PC + CD with PC
Software.

C



PW-LAN
Code **F1271005O**

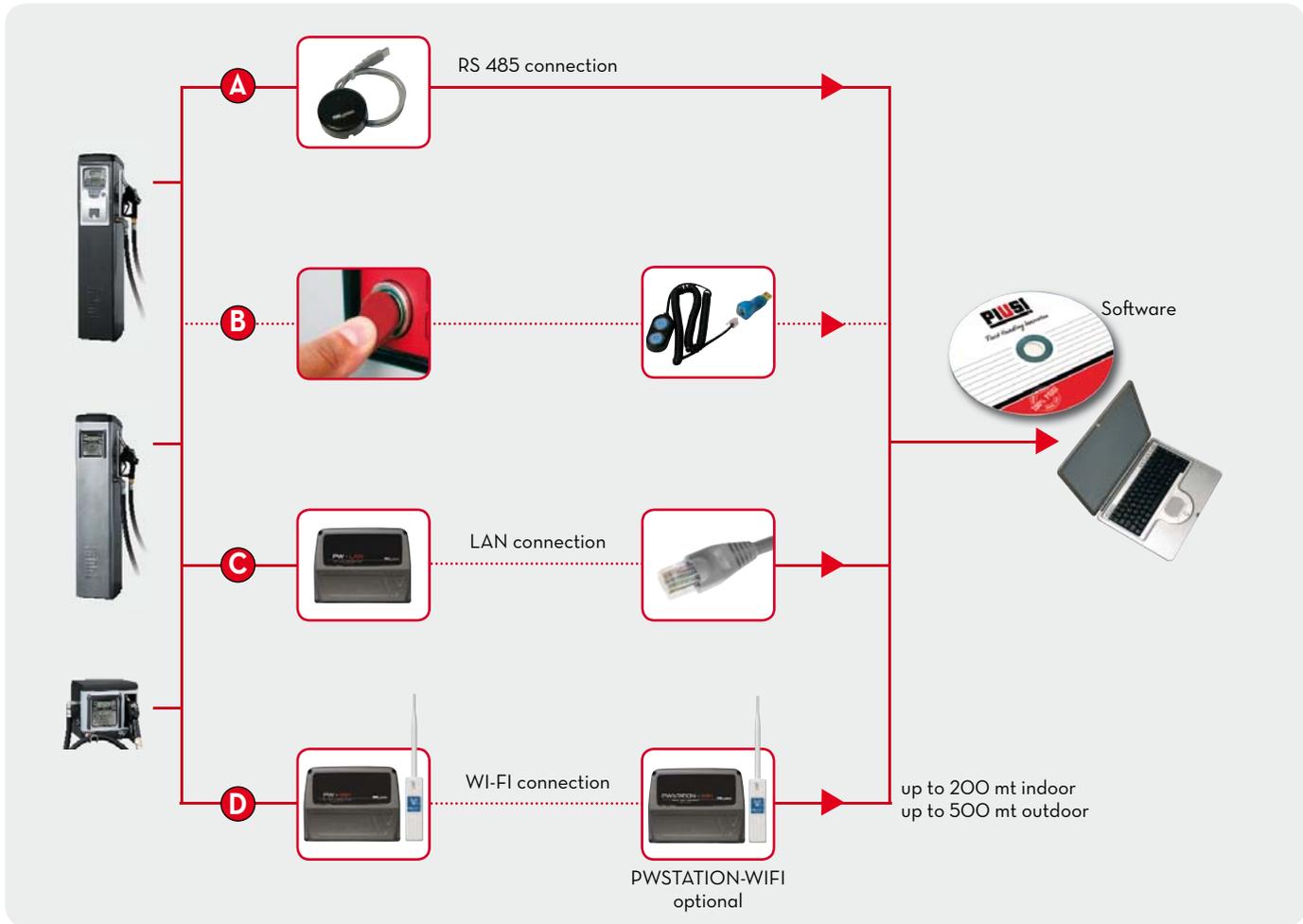
Composed by
1 PW-LAN
+ CD with Software
to install on PC

D



PW-WIFI
Code **F1271004O**

Composed by:
1 PW-WIFI + CD with PC
Software.



ON REQUEST



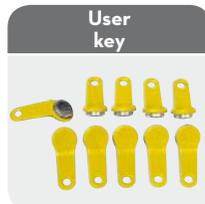
PWSTATION-WIFI

Code **F12710090**
An hot spot and
repeater in case of
long distance



**Manager
Key red**

Code **R12496000**
Composed by
1 Manager red key



**User
key**

Code **R15904000**
Composed by 10 User
yellow key



**Key for translation
language**

Composed by 1 black
key



**PW 14 USB
converter**

Code **F13292000**

Code	Language
F1482000A	Czech
F1481800A	Danish
F1390700A	Français
F15358000	English
F1388200A	Italian
F1398500A	Norwegian
F1390800A	Dutch/flemish
F1400000A	Portuguese
F15489000	Rumanian
F1494100A	Slovenian
F1396800A	Espanol
F1422000A	Swedish
F1388300A	Deutsch
F15375000	Magyar

FLUID MONITORING COMMUNICATION KIT

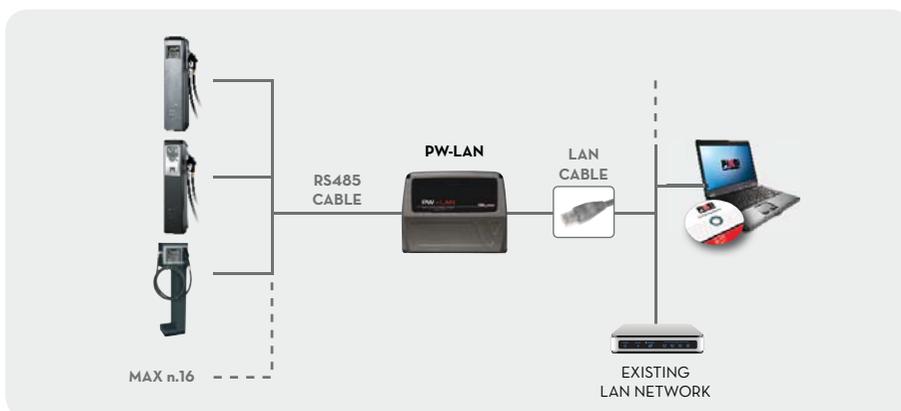
NEW



EN. PW-LAN, PW-WiFi and PWStation-WiFi are the new solutions that allow Piusi devices to be connected to a LAN or WiFi network. Piusi devices are recognized as IP addresses that can be accessed on a company intranet. The new Wi-Fi and LAN networks expand the possibilities of allowing products to talk to Piusi software, exceeding the limits imposed by RS485 connections. Piusi products can be connected to the software applications easily and in a functional manner, solving the problems associated with long distances.

ZH. PW-LAN、PW-WiFi和PWStation-WiFi是可把派优加油机连接到LAN或WIFI上的新方案。派优士加油机按照企业网内的IP地址被识别出来。新的Wi-Fi和LAN连接可使产品与派优士软件之间通讯的可能得到扩大，超越了RS485连接的限制。派优士产品可简便地连接到软件上，从而解决了远距离传送的问题。

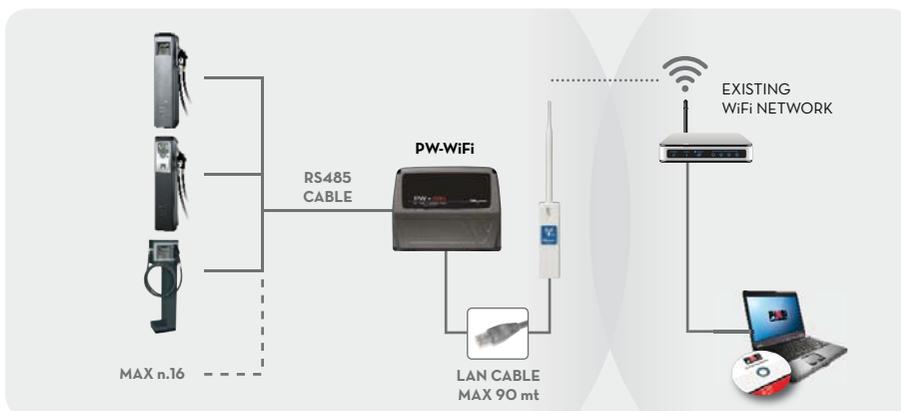
PW-LAN



PW-WiFi



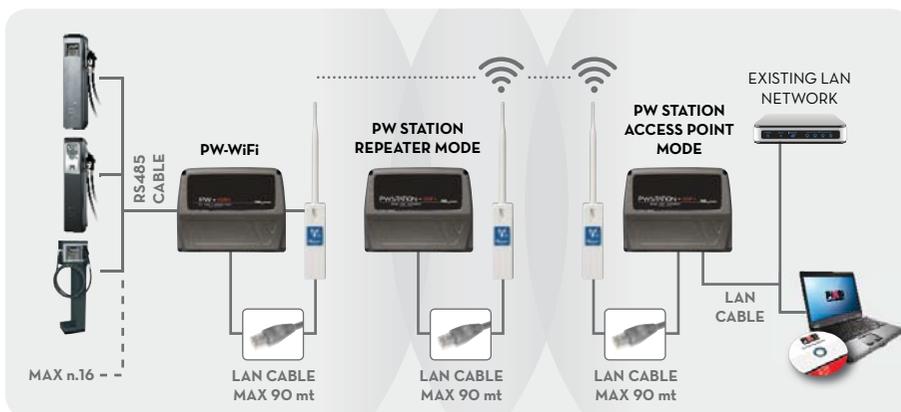
cable max 90 mt



PWStation-WiFi



cable max 90 mt



PW-LAN



EN. PW-LAN is a new solution that makes it possible to connect several different Piusi products to a LAN network. PW-LAN is an advanced device with several different methods of converting an RS485 signal into an Ethernet signal by means of a simple and intuitive interface. PW-LAN offers:

- Instant conversion of an RS485 signal to Ethernet
- IP fallback function
- Compatibility with all DHCP servers
- 100% compatibility with all Piusi software applications.

PW-LAN supports the following Piusi products: Self Service FM, Self Service MC, Cube MC, MC-BOX, MCO.

ZH. PW-LAN是可把不同的派优士装置连接到LAN上的新方案。PW-LAN是一台通过一个简单和直观的界面把RS485型号转换成以太网型号的高级装置。PW-LAN可提供:

- RS485信号实时转换成以太网信号
- IP Fallback功能
- 与所有DCHP服务器的兼容性
- 与派优士软件100%的兼容性。

PW-LAN支持以下的派优士产品: Self Service FM、Self Service MC、Cube MC、MC-BOX、MCO。

PW-WiFi



EN. PW-WiFi is composed of two different devices:

- an electronic card that converts an RS485 into an Ethernet signal.
- a WiFi module/antenna that makes it possible to connect the LAN card to an existing WiFi network. PW-WiFi offers:

- Instant conversion of an RS485 signal to Wi-Fi
- IP fallback function
- Compatibility with all DHCP servers
- 100% compatibility with all Piusi software applications.

PW-WiFi supports the following Piusi products: OCIO, Self Service FM, Self Service MC, Cube MC, MC-BOX, MCO.

ZH. PW-WiFi由两个不同的装置组成:

- 一块电子插件板, 作用是把RS485信号转换成以太网信号。
- 一个WiFi模块/天线, 作用是把LAN板连接到现有的WiFi网络。

PW-WiFi可提供:

- RS485信号实时转换成Wi-Fi信号
- IP Fallback功能
- 与所有DCHP服务器的兼容性
- 与派优士软件100%的兼容性。

PW-WiFi支持以下的派优士产品: OCIO、Self Service FM、Self Service MC、Cube MC、MC-BOX、MCO。

PWStation-WiFi



EN. Piusi proposes the PWStation-WiFi device, which makes it possible to create a WiFi network, if otherwise unavailable. The device is an access point that is compatible with all commercially available routers. PWStation-WiFi provides the facility to:

- create a WiFi network.
- increase the signal coverage using several PWStation-WiFi devices.

ZH. 派优士公司提供的PWStation-WiFi装置可创建WiFi网络(如没有现成的话)。该装置是一个兼容所有市面有售的路由器的无线接入点。PWStation-WiFi可实现:

- wifi网络的创建。
- 利用不同的PWStation-WiFi装置来增大信号覆盖面

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Device	Included software
F12710050	KIT PW-LAN SELF SERVICE DESK	PW-LAN	SELF SERVICE DESK
F12710040	KIT PW-WIFI SELF SERVICE DESK	PW-WiFi	SELF SERVICE DESK
F12710090	PWSTATION-WIFI	PWStation-WiFi	-
F00755SB0	KIT PW-WIFI OCIO DESK SINGLE TANK	PW-WiFi	OCIO DESK SINGLE TANK
F12710100	KIT PW-LAN PC INTERFACE SOFTWARE MCO-OCIO	PW-LAN	PC INTERFACE SOFTWARE MCO-OCIO
F12710110	KIT PW-WIFI PC INTERFACE SOFTWARE MCO-OCIO	PW-WiFi	PC INTERFACE SOFTWARE MCO-OCIO

FLUID MONITORING OCIO

EN. Continuous tank level monitoring. OCIO detects the static pressure generated by the fluid height by means of a tube inserted into the tank and displays the fluid level or volume.

The system consists of:

- A tube for detecting static pressure: The tube end is inserted from the top of the tank and lowered down into the liquid until it touches the bottom.
- A control unit for displaying the level and managing the system. The unit is equipped with an intuitive, complete software and permits the connection of two alarm or lock devices.

The software is used to:

- Set tank type and dimensions
- Define alarm levels
- Define indication level
- Define measurement unit
- Calibrate the instrument

Depending on the set alarm levels, the control unit activates or deactivates the contact by acting as a remote switch for starting the alarms or cutting power to the connected equipment.

Maximum measurable height: 4 m.

Probe tube length: 10 m.

ZH. 油箱液面的连续监控系统。

OCIO通过油箱内的一根气管来探测由液体高度所产生的静态压强检测液位，并在面板上液面高度或容积。

系统由以下部分构成：

- 静压探测管。探测管的头部从油箱顶部插入油箱并抵达油箱底部。
- 一个显示和管理液面的控制单元。单元包括一套直观完整的软件，可连接两个警报或锁定装置。

通过软件可实现：

- 确定油箱类型和尺寸
- 设定报警的液面高度
- 定义液面高度指示
- 定义计量单位
- 调校仪器

按照设定的警报液面高度，控制单元会激活远程开关警报装置或切断连接油泵的电源。

最高可测量高度：4米

探测管长度：10米

探测精度：1%



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0075510D	2,2	4,8	300x410x100	11,8x16,1x3,9	1
F0075511D	2,2	4,8	300x410x100	11,8x16,1x3,9	1
F00755140	2,2	4,8	300x410x100	11,8x16,1x3,9	1
F00755160	2,2	4,8	300x410x100	11,8x16,1x3,9	1

Viscosity
up to
30 cSt

Accuracy
+/-
1%*

* End of scale



PIUSI

DISPENSERS

PUMPS

METERS

NOZZLE METERS

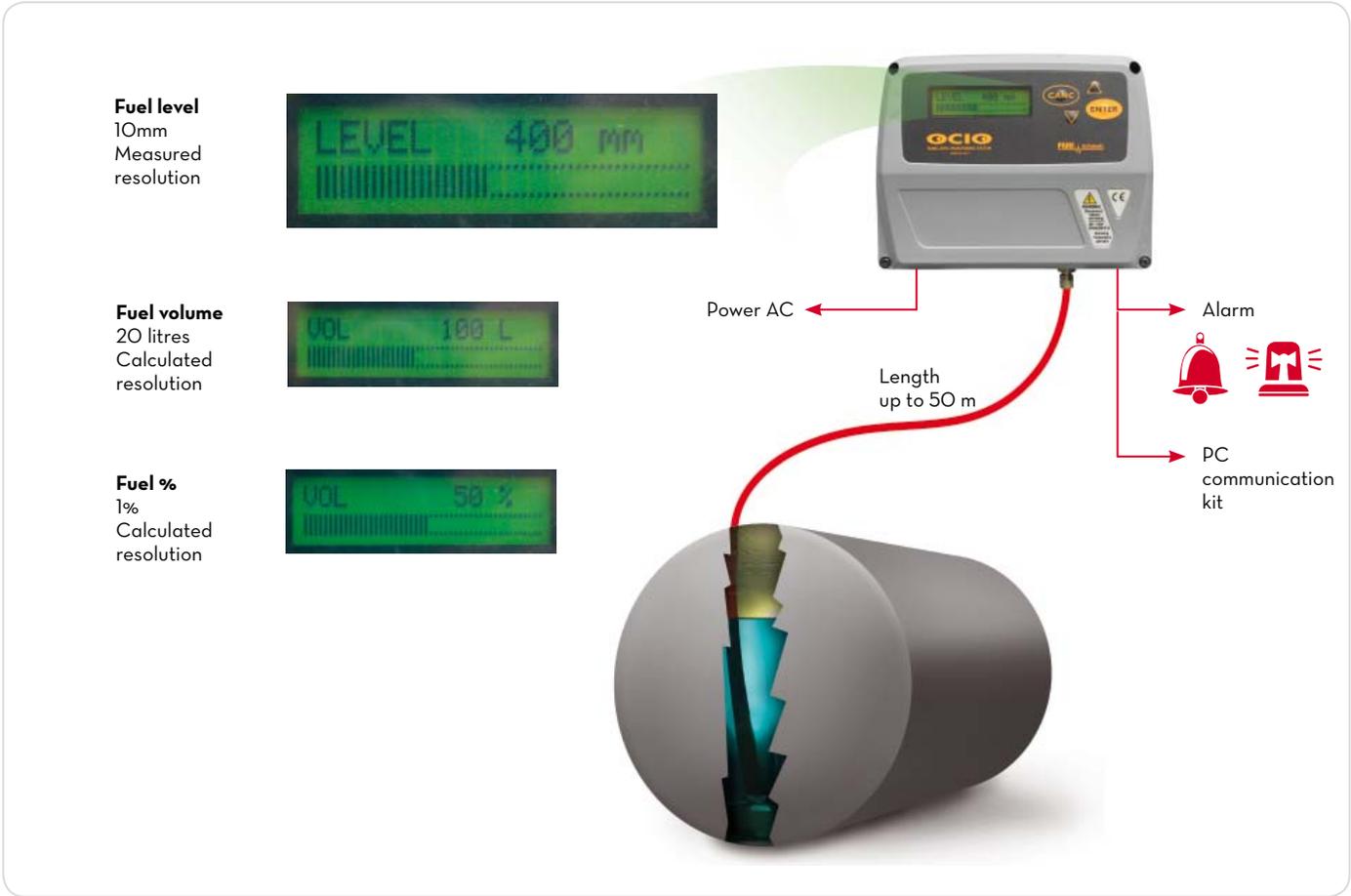
NOZZLE

SPECIAL EQUIPMENTS

FLUID MONITORING

ACCESSORIES

FILTERING



ON REQUEST



Hose length 3 mt
Ø 12 mm
Code **F12939000**



FEATURES



Made in stainless steel

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Viscosity cSt	Voltage		RS exit
				AC V/Hz	Power Watt	
F0075510D	Level indicator OCIO LV / RS output	A B D O W W	up to 30	230/50	20	available
F0075511D	Level indicator OCIO LV / RS output 120 V	A B D O W W	up to 30	120/60	20	available
F00755140	OCIO Urea	U	Urea	230/50	20	available
F00755160	Level indicator OCIO LV / 4/20 mA output	A B D O W W	up to 30	230/50	20	available



FLUID MONITORING OCIO DESK SOFTWARE

EN. OCIO is available with direct PC connections. By means of an interface you can connect up to 12 OCIO level gauges and send data direct via cable to a PC up to 1,000 meters away.

Dedicated software has been developed to permit the storage of historic tank level data according to different criteria:

- at each time interval
- at each variation in level
- at each variation in volume.

The recorded data is displayed as a diagram showing the historical tank levels data.

Software permits configuration of each tank and alarm type.

ZH. OCIO可以与PC直接连接。通过其软件可以监控最多12个OCIO监控器。并通过最长1000m的数据线向PC传递数据。

按照不同的规范，专用软件可保存油箱内液面的历史数据。

- 每次液面变化的时间
- 每次液面的变化
- 每次容积的变化。

记录下来数据可以图表来显示油箱液面的历史记录。

软件可配置每个油箱和设置警报。

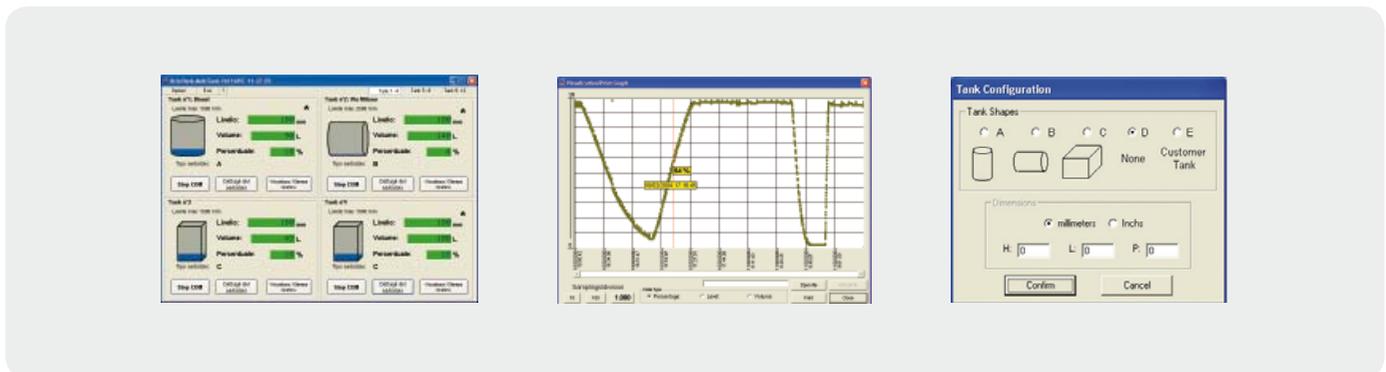
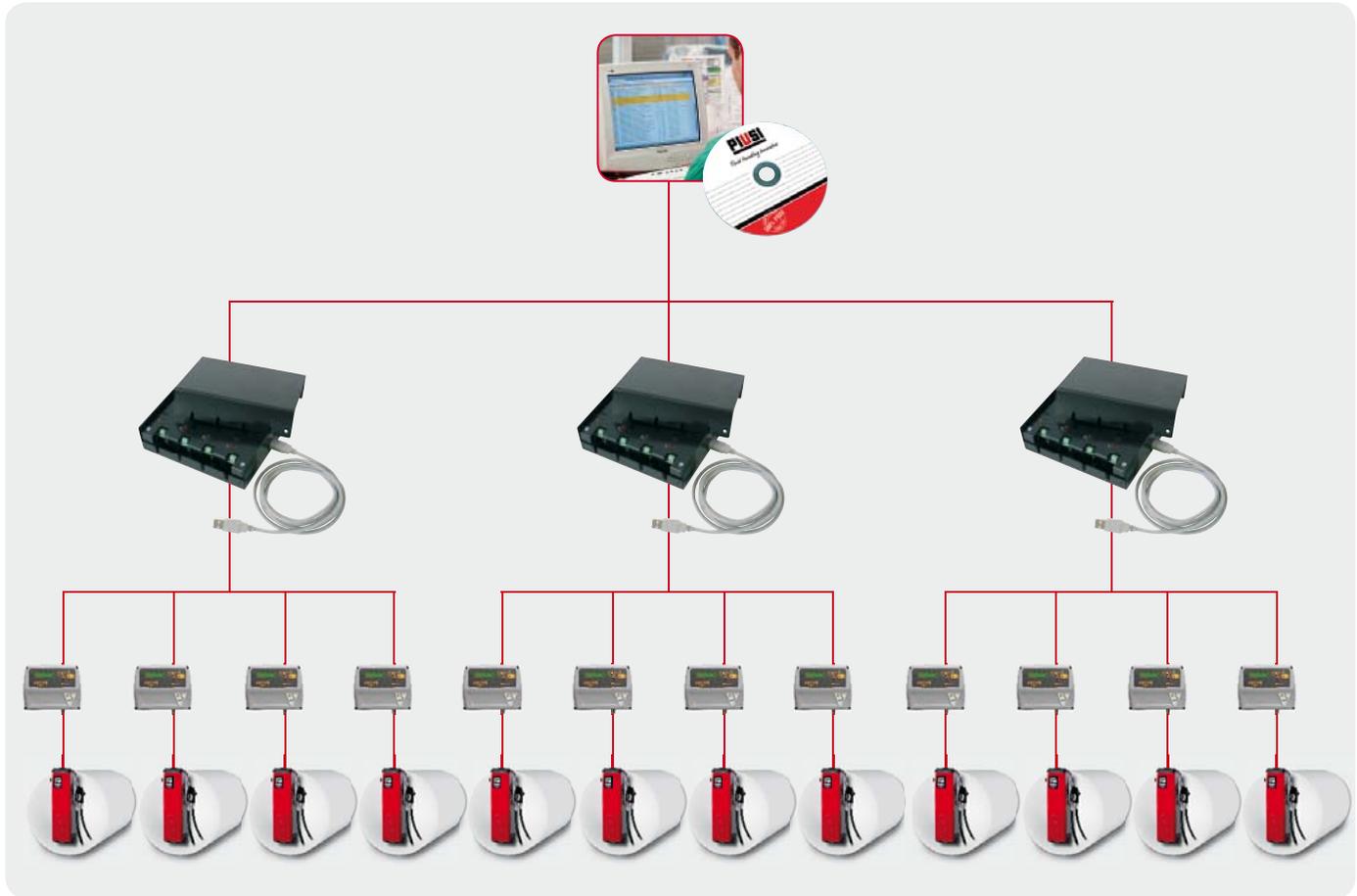
也可定义保存成外部.txt文件格式。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F00755S1A	0,4	0,9	200X120X140	7,9x4,7x5,5	1
F00755S0C	1,1	2,4	200X120X140	7,9x4,7x5,5	1
F00755S2A	2,5	5,5	200X120X140	7,9x4,7x5,5	1
F00755S3A	3,1	6,8	200X120X140	7,9x4,7x5,5	1

ANTIFREEZE
BIO DIESEL
DIESEL
FOOD
GASOLINE
GREASE
KEROSENE
OIL
UREA
WATER
WINDSCREEN



PRODUCTS' RANGE TECHNICAL DATA

Code	Description
F00755S1A	OCIO desk SINGLE TANK (software + PC interface for 1 tank)
F00755S0C	OCIO desk MULTITANK 4 (software + PC interface up to 4 tanks)
F00755S2A	OCIO desk MULTITANK 8 (software + PC interface up to 8 tank)
F00755S3A	OCIO desk MULTITANK 12 (software + PC interface up to 12 tanks)



FLUID MONITORING OCIO GSM

EN. GSM transmission of tank level.

This system responds to demand for the remote monitoring of tank levels by displaying the current situation on a telephone display or to an email address.

The transmitter with GSM modem is connected to the OCIO level indicator and via one or more expansions controls up to 8 tanks. Each tank is supplied with a level indicator connected via cable to the OCIO GSM unit or a single expansion. Configuration of the system is carried out by sending a coded message over the telephone.

ZH. 油箱液位GSM传送系统。

此系统可满足对油箱液面的远程实时监控，在电话屏幕上显示或发送到一个指定的电子邮箱。

GSM调制解调发射器连接在OCIO液面指示器上，并通过一个或多个扩展部件可管理多达8个油箱。每个油箱均备有一个液面指示器，并通过电缆连接到OCIO GSM单元或到达每个扩展部件上。系统的配置是通过电话以发送编码短信的方式进行。



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
FO0755G30	1,5	3,3	300x410x100	11,8x16,1x3,9	1
FO0755G20	1,5	3,3	300x410x100	11,8x16,1x3,9	1
FO0755G40	1,5	3,3	300x410x100	11,8x16,1x3,9	1



To manage 1 tank



To manage up to 4 tank



To manage up to 8 tank



- OCIO GSM
- EXPANSION OCIO GSM
- OCIO LEVEL INDICATOR

ON REQUEST

Ocio Desk software



PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Voltage	
			AC V./Hz	Power Watt
F00755G30	OCIO GSM Quad band	A B D O W W	110-230 / 50-60	15
F00755G20	Expansion OCIO GSM tank 2-4	A B D O W W	110-230 / 50-60	5
F00755G40	Expansion OCIO GSM tank 5-8	A B D O W W	110-230 / 50-60	5

C ACCESSORIES CONNECTIONS

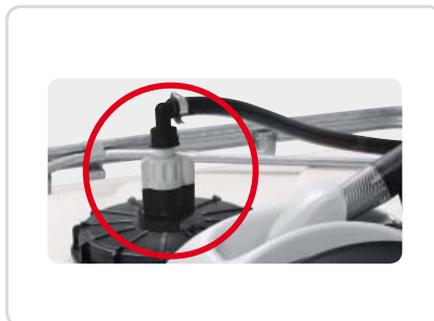


EN. Piusi solutions are practical to apply, versatile for multiple installations and are made of materials resistant and compatible with Urea.

ZH. 派优士方案安装方便、多点安装时轻巧简易，由坚固及尿素兼容的材料制成。

Suction connections SEC

HDPE plastic for CDS suction tube

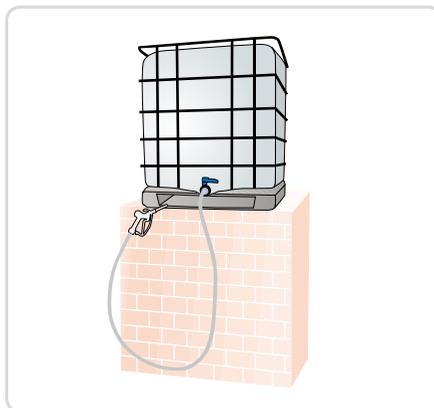


PRODUCTS' RANGE

Code	Description
R15452000	Suction connection SEC

Gravity kit

Manual nozzle + IBC bottom adapter

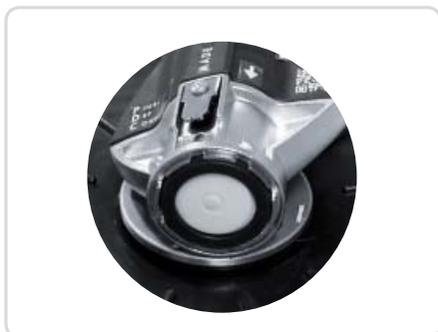


PRODUCTS' RANGE

Code	Description
F15517000	Gravity kit

Suction connections PDC (Piusi DEF Coupler)

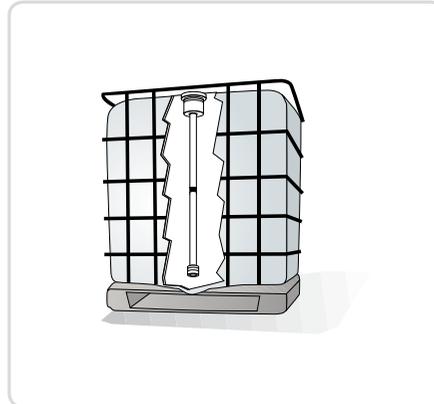
for typical stainless steel connectors.



PRODUCTS' RANGE

Code	Description
F18910000	Piusi DEF coupler

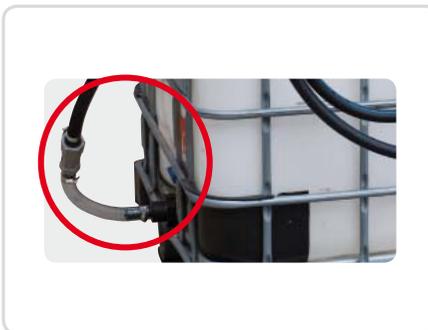
Suction hose



PRODUCTS' RANGE

Code	Description
F15606020	Suction hose with plug head 2" BSP
F15606000	Suction hose wwith plug head 56x4

Kit bottom connection



PRODUCTS' RANGE

Code	Description
F15515010	Kit bottom connection

External suction hose

with IBC bottom valve adapter and check valve.



PRODUCTS' RANGE

Code	Description
F15515000	External suction hose



ACCESSORIES FITTINGS AND HOSES

EN. Piusi solutions are practical to apply, versatile for multiple installations and are made of materials resistant and compatible with Urea.

ZH. 派优士方案安装方便、多点安装时轻巧简易，由坚固及尿素兼容的材料制成。

PRODUCTS' RANGE

Plastic fitting



Code	Description				
F15522000	Plastic fitting lineare	M 1" BSP	-	Ø 3/4"	-



Code	Description				
F15485000	Plastic fitting curva 90° Male	M 1" BSP	-	Ø 3/4"	-



Code	Description				
F15484000	Plastic fitting curva 90° Female	F 1" BSP	-	Ø 3/4"	-



Code	Description				
F15179000	Plastic fitting	M/F 1" BSP	-	-	-



Code	Description				
F16433000	Plastic fitting	1" F BSP	-	-	-



Code	Description				
F16434000	Plastic fitting	1" F BSP	-	-	-



Code	Description				
F16435000	Plastic fitting	1" F BSP	-	Ø 3/4"	-

ANTIFREEZE

BIODIESEL

DIESEL

FOOD

GASOLINE

GREASE

KEROSENE

OIL

UREA

WATER

WINDSCREEN

Sockets



PRODUCTS' RANGE

Code	Description				Packaging	
					pcs	
F16074000	Socket	NPT/NPT	-		20	-
F16458000	Socket	BSP/NPT			20	
F16073000	Socket	BSP/BSP	-		20	-

Stainless steel fitting



PRODUCTS' RANGE

Code	Description				Packaging	
					pcs	
F14132000	Swivel inox	3/4" M	hose 3/4"			-

Swivel rubber protector



PRODUCTS' RANGE

Code	Description				Packaging	
					pcs	
F16497000	Swivel rubber protector	-	-			-

EPDM hoses



PRODUCTS' RANGE

Code	Description				Packaging	
			coil		pcs	
EPDM Suction hose						
F1412400A	EPDM Suction hose	3/4"	40 m			-
EPDM Delivery hose						
F14250000	EPDM Delivery hose	3/4"	4 m			-
F14125020	EPDM Delivery hose	3/4"	6 m			
F14125030	EPDM Delivery hose	3/4"	8 m			-
F14125040	EPDM Delivery hose	3/4"	10 m			
F14125050	EPDM Delivery hose	3/4"	80 m			

EPDM Kit suction hose



PRODUCTS' RANGE

Code	Description				Packaging	
			foot valve	SEC	pcs	
F14146000	EPDM Kit suction hose with valve	1,5 m	YES	NO	1	BOX
F15883000	EPDM Kit suction hose with SEC	1,1 m	NO	YES	1	BOX

Stainless steel clamp



PRODUCTS' RANGE

Code	Description				Packaging	
					pcs	
F13800000	Stainless steel clamp	20-32-12 INOX			10	-

AUTOMATIC ADBLUE HOSE REEL



EN. Automatic hose reel for AdBlue® filling tanks. All the components are compatible with urea in order to avoid parts corrosion, so to prevent urea contamination.

A - Hose reel UREA (bare)

- 1 x hose reel without hose with swivel and hose-tail fitting for connection with hose;
- 1 x hose fastening clamp;
- 1 x hose protection spring;
- 1 x hose stop.

B - Automatic UREA hose reel UREA with EPDM (8 m - 3/4 ") hose complete with swivel and elbow.
Code F00750070.

Features:

- Reduced pressure loss;
- Latch mechanism protector;
- Adjustable arms.

ZH. 尿素加注管自动卷盘。专业的设计令减小压力损失，并且方便了使用高流量泵时的使用。

A - 尿素自动卷盘(不含管道)

- 1个自动卷盘，不带管道和与管道连接的管座；
- 1个管道固定用管箍；
- 1个管道保护弹簧；
- 1个管道挡块。

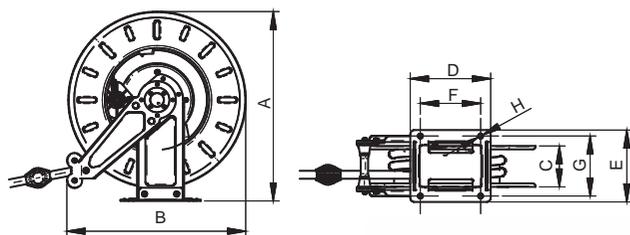
B - EPDM三元乙丙橡胶管(8 m - 3/4 ")尿素自动卷盘，带旋转接头和弯头。
编号F00750070。

特性:

- 减少压力损失；
- 机械棘轮；
- 可调输出臂。

DIMENSIONS

Model	A	B	C	D	E	F	G	H
HOSE REEL BIG	475	460	152	200	230	150	246	12
HOSE REEL SMALL	475	460	102	150	180	150	196	12



PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
Without hose					
F00750060	14	30,9	550x260x540	21,6x10,2x21,3	1
With hose					
F0075007A	17	37,5	550x260x540	21,6x10,2x21,3	1
F00750110	24	52,9	550x260x540	21,6x10,2x21,3	1
Kit base					
F17275000	8,5	18,7	480x370x265	18,9x14,6x10,4	1

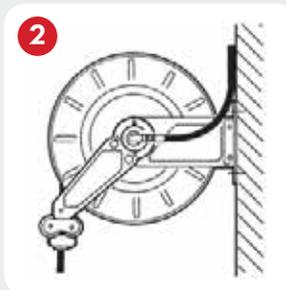


B - Hose reel with hose



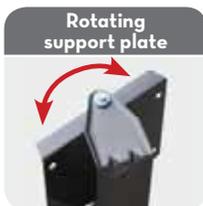
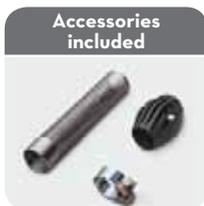
Hose reel installations:

1. Roof installation
2. Wall installation
3. Ground installation



FEATURES

ON REQUEST



Weight 1,5 Kg
Pack: 300x410x100
Code Big: **F16298000**
Code Small: **F17316000**

Weight 3,5 Kg
Pack: 300x300x180
Code Big: **F16279000**
Code Small: **F17317000**

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids type	Hose BSP	Max operating pressure bar	Pressure drop bar	Inlet with hosetail BSP	Outlet BSP	Hose max length bound m	Hose length m
Without hose									
F00750060	Hosereel 3/4" without hose SMALL	U	3/4"	10	0,1 @ 35 l/min	3/4"	3/4"	9,5	-
With hose									
F0075007A	Hosereel 8 x 3/4" with hose SMALL	U	3/4"	10	0,4 @ 35 l/min	3/4"	3/4"	-	8
F00750110	Hosereel 3/4" 15 mt BIG	U	3/4"	10	0,6 @ 35 l/min	3/4"	3/4"	-	15
Kit base									
F17275000	Hosereel Kit base	-	-	-	-	-	-	-	-

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ANTIFREEZE	EN. Antifreeze ZH. 防冻液	
BIODIESEL	EN. B20 with concentration up to 20% in diesel ZH. B20, 在柴油中浓度高达20%	
DIESEL	EN. Diesel ZH. 柴油	
FOOD	EN. Food ZH. 食品	
GASOLINE	EN. Gasoline ZH. 汽油	
GREASE	EN. Grease ZH. 润滑油	
KEROSENE	EN. Kerosene ZH. 煤油	
OIL	EN. Oil ZH. 油类	
UREA	EN. Urea ZH. 尿液	
WATER	EN. Water ZH. 水	
WINDSCREEN	EN. Windscreen ZH. 挡风玻璃	

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