

Product Catalog



2016



Welcome

Europump International founded in 1994 by James Tuner to manufacture petroleum equipments. Today Europump is known as a world leader in Petroleum and also alternative fuel technologies, such as LPG and CNG. Thanks to our production capacity and high technology, we offer the best value of products and services.

With the help of our worldwide offices around the globe, we are also offering customers a complete range of FUEL , LPG and CNG dispensers and pumps, automation systems, replacement parts and a full range of support services, including gas service station construction and maintenance.

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EUROSTAR En-SM SERIES MULTIMEDIA DISPENSER

EUROSTAR LPG Dispensers

Europump has been producing LPG Dispensers since 1998 . This experience makes our dispensers one of best quality and reliable LPG dispensers in the market. Our dispenser series are stylish, modern and well designed for efficient usage.

LPG Dispenser Models

Our models have several options to meet the technical and regulatory approval requirements of different countries. Stylish stainless steel or painted galvanize frames, IEC wiring methods to Zone 1 hazardous locations, with CE approved components, and special European approvals (like MID, PTB, ATEX and Gost) are available on selected models.

Main Features :

- ATEX and MID Certificated design.
- Single, Dual or Quadro nozzle configurations.
- Two different measurement technology option :
 - High accuracy and 4-piston Positive Displacement MT100B* meters Made in Italy.
 - “Coriolis mass flow meters**” Made in Switzerland
- Advanced electronic dispenser computer with Backlit Displays.

- Customer friendly field programming via alfa-numeric keypad.
- Industry standard interface for automation systems.
- Automatic Temperature Compensation (ATC) according to ASTM tables.
- Electronic or mechanical calibration options.
- Volume, Amount or Mass** pre-programmed filling.
- Stainless steel or pained galvanize frame options.
- Optional MicroSDHC Card support for reports and logs.
- Optional Reciept Printer Support.
- Optional Multimedia Addons

MT100B* is volumetric type flow meter with pistons. It has been specifically redesigned from its italian origins to measure the flow of LP Gas in the liquid phase, and may also be used for many other liquids. The design and materials used assure good wear and corrosion resistance, accuracy in the measurement at any delivery speed, steadiness of calibration and low maintenance costs.

Main Features :

- High quality Italian Casting.
- Excellent operational safety – reliable under extreme ambient conditions
- High accuracy of volume measurement even with low flowrates.

- Corrosion resisrance with bottom outlet design with statinless steel cylinder liners
- Four point mechanical calibration.
- Mechanical or Magnetic Coupling options



Coriolis mass flow meters** are specially designed for flow measurement of LPG for dispensing and truck unloading. It combines an integrated temperature measurement with intelligent conversion functions, providing temperature, mass, density or volume measuremenr or correction directly on dispenser.

Main Features :

- Excellent operational safety – reliable under extreme ambient conditions
- Fewer process measuring points – multivariable measurement (mass, volume, density and temperature)

- Less maintenance requirements
- Easy operation – reduced to application needs



Eurostar Tn-SL

Nozzle Configuration	pcs	1 - 2 - 4
Size	cm	45 x 95 x 230 (h)
Number of Display	pcs	2 - 4



Eurostar En-FL

Nozzle Configuration	pcs	1 - 2
Size	cm	46 x 84 x 155 cm (h)
Number of Display	pcs	2 - 4



Eurostar En-SL

Nozzle Configuration	pcs	1 - 2 - 4
Size	cm	45 x 100 x 185 (h)
Number of Display	pcs	2 - 4

Eurostar Tn-XM Multimedia

Nozzle Configuration	pcs	1 - 2 - 4
Size	cm	45 x 123 x 230 (h)
Number of Display	pcs	2 - 4
Mutimedia Screen		32”



Eurostar En-SM

Nozzle Configuration	pcs	1 - 2 - 4
Size	cm	45 x 100 x 200 (h)
Number of Display	pcs	2 - 4
Mutimedia Screen		19 ”





LPG Skid Stations

Europump LPG Skid filling station solutions is specially designed for people who are looking for compact and ready to go solutions to fill LPG to cars or cylinders.

Main Features :

- Ready to work autogas station solution on steel chasis. Low investment costs.
- Quick return of investment. Minimum workshop and engineering at site
- Flexible and modular solution.
- Simple layout and maximum safety.
- The plant can be made independent from external power supply (for example in rural areas) with LPG/NG Generator.
- Easy to operate. Comprise all necessary equipment for safe and reliable filling operation.

Modular Design :

Our skid LPG stations are modularly designed so they can be customized according to customer needs. It can be consists of following components and features :

LPG Storage Tank



Capacity	m3	3 - 5 - 10 - 22
		1200 (3 - 5 m3)
Dimater	mm	1600 - 1700 - 1900 (10 m3)
		1900 (22 m3)
Design Pressure	bar	17.3
Test Pressure	bar	25.8
Temperature Range	°C	-20 ~ +70
Design Code		AD CODE 2000
		EN 13445, EN 10028-3

LPG Pumping Unit



Brand and Model	PROLPG RT150		EP50-3x
Pump Type	Turbine		Side Channel
Flow Rate	lt /min	50 - 130	50 - 120
Inlet - Outlet	inch	1 1/2" - 1"	2 1/2" - 1 1/4"
Working Pressure	bar	27.6	27.6
Differential Pressure	bar	17.2	17.2
Casting		GG40	GG35
Motor		3450 @ 60Hz or 2880 @ 50Hz	1450 @ 50Hz
		3.5 Kw or 5.5 Kw or 7.5kw, Exproof	3.5 Kw or 5.5 Kw or 7.5kw, Exproof

Filling Unit



Unit Type	Classic Eurostar LPG Dispenser	Eurostar LPG Dispenser with massmeter	Mechanical Dispenser	Roman Scale	Mechanical Clock Scale	Electronic Filling Scale
Measurement System	PD Meter	Coriolis mass flow meter	PD Meter	Mechanical	Mechanical	Electronic Load Cell
Filling Unit (s)	Liter / Gallon	Liter / Kilogram / Gallon	Liter / Gallon	Kilogram	Kilogram	Kilogram
Volume Measurement	✓	✓	✓	✗	✗	✗
Mass Measurement	✗	✓	✗	✓	✓	✓
Density Measurement	✗	✓	✗	✗	✗	✗
Temperature Measurement	✓	✓	✗	✗	✗	✗
Temperature Compensated Volume	✓	✓	✗	✗	✗	✗
Filling Nozzles	1 - 4	1 - 4	1	1	1	1
Automation Software Connection	✓	✓	✗	✗	✗	✓

Control Panel



Europump Station Control Panel is specially designed for you monitoring and safety needs in your station.

- Tank level monitoring
- Alarms for low level and high levels of tank liquid
- Gas Sensor alarms
- Pump and dispenser phase controls
- Emergency stop button
- Three phase electricty control

Gas Leakage Sensor



Fire Extinguisher



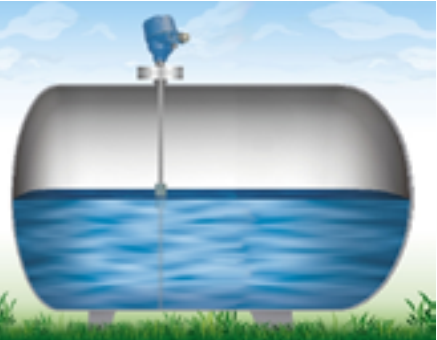
Transfer Pump



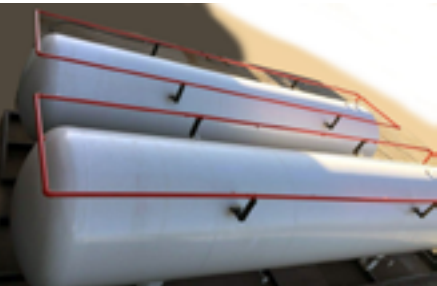
Tank Level Gauge



Tank Level Probe



Water Sprinkler





Pumps and Bypass Valves

Pump can be think as heart of a LPG Station or Application. It is very important to select suitable product for your needs. We have various options for you from truck applications to station applications. So please contatct us before you invest on a project.

Bypass Valve

Bypass valves are designed to protect pumps and hydraulic system components from excessive pressure damage by adjusting differential pressure of system.
Different pressure setting are available from 95 Psi to 115 psi.



ProlLPG CV100 Bypass Valves with Custom vapor removal system builtin.



BV100 Bypass Valve

EP50-3x Side Channel Pumps



Brand and Model	EP50-3x	
Pump Type	Side Channel	
Flow Rate	lt /min	50 - 120
Inlet - Outlet	inch	2 1/2" - 1 1/4"
Working Pressure	bar	27.6
Differential Pressure	bar	17.2
Casting	GG35	
Motor	1450 @ 50Hz	
	3.5 Kw or 5.5 Kw or 7.5kw, Exproof	

RT150 Trubine Pump



Brand and Model	PROLPG RT150	
Pump Type	Turbine	
Flow Rate	lt /min	50 - 130
Inlet - Outlet	inch	1 1/2" - 1"
Working Pressure	bar	27.6
Differential Pressure	bar	17.2
Casting	GG40	
Motor	3450 @ 60Hz or 2880 @ 50Hz	
	3.5 Kw or 5.5 Kw or 7.5kw, Exproof	

Sliding Vane Pumps



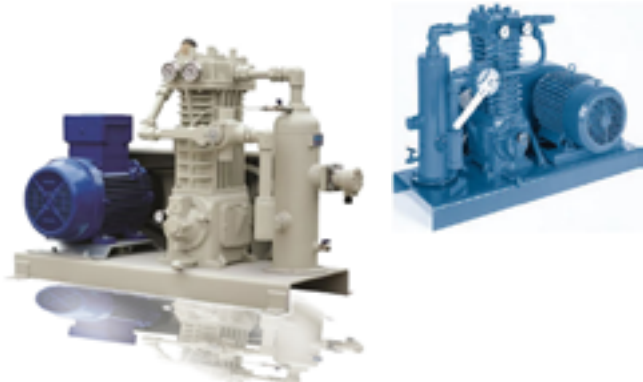
Sliding vane design is ideal for butane, propane, anhydrous ammonia, propellants, refrigerants and similar liquefied gases and are widely used for cylinder filling, motor fueling, bulk transfer, vaporizers, and on bobtails and transports.

Pump models are available in 1 to 4-inch connection sizes and flow rates from 57 lt/min to 1300lt/min options.

LPG Compressors

Europump offers oil-free gas compressors deliver high efficiency in handling propane, butane, anhydrous ammonia and other liquefied gases. They are also ideal for rail car unloading and vapor recovery applications. All parts are designed to give maximum performance and reliability under the most severe service conditions. All pressure parts are of ductile iron construction for greater resistance to both thermal and mechanical shock. They are designed for ease of maintenance, with all components readily accessible.

Models are available with capacities from 7 to 125 cfm (11.9 to 212 m3/h) with working pressure up to 425 psia (29.31 Bar).



LPG Flow Meters for Bulk Transfer

These meters are designed for high flow LPG transfer applications like truck unloading. Different models are availale from mechanic ones to mass flow meters.
Flow rates from 120lt/min to 500lt/min.



PD Meters with Mechanical Register.

Basic flow meter for volume measurement. It can also work with a mechanical printer .



PD Meters with Electronic Register.

Cost effective device for volume measurement. Temperature compensation, automation connections, electronic printer, solenoid valve and predefined fillings are possible.

Mass Flow Meters with Electronic Register.

Most advanced and accurate way to measure fluids.

MAIN FEATURES :

- No moving parts less maintenance.
- Measurement of Mass, volume, density and temperature at the same time.
- Temperature compensation
- Automation connections
- Electronic calibration
- Serial Printer support
- Preset fillings
- RFID Card reader
- SdCard suuport
- Pressure Sensor



EUROSTAR Fuel Dispensers

Fuel Dispenser is a key equipment for success of your petroleum station. Our experience in petroleum equipments helps us to create one of the most reliable and long life fuel dispenser series in the market.

Main Features :

- Stand-alone design (fully self-contained electronics)
- Single, Dual, Quadro, Six or Eight filling point configurations
- Long Life hydraulic systems
- Industry standart fuel nozzles with safety breakaways
- Stainless steel or painted iron cabinet options
- Europump electronic computers with Backlit Displays
- Field programming via alfa-numeric keypad
- Integrated Money and Volume totalizers
- Interface availability with Wayne-Dart compatible automation systems.
- International currency options available
- Automatic Temperature Compensation (ATC)
- Electronic Calibration
- Available Pre-Set Fill as Volume or Amount
- Multimedia Addons



Eurostar EE and DE Series



Nozzle Configurations	1 Product 1 Nozzle 2 Display	
	1 Product 2 Nozzle 2 Display	
	2 Product 2 Nozzle 2 Display	
	2 Product 2 Nozzle 4 Display	
Size	cm	45 x 100 x 200 (h)
Number of Display	pcs	2 - 4
Pumping System	EE with suction pump	
	DE without Pump	
Flow Rate	50 -70 lt/min	
	120 lt/min	

Eurostar ET and DT Series

Nozzle Configurations	1 Product 1 Nozzle 2 Display	
	1 Product 2 Nozzle 2 Display	
	2 Product 2 Nozzle 2 Display	
	2 Product 2 Nozzle 4 Display	
	3 Product 6 Nozzle 2 Display	
	4 Product 8 Nozzle 2 Display	
	4 Product 8 Nozzle 4 Display	
Size	cm	45 x 123 x 230 (h)
		45 x 95 x 230 (h)
Number of Display	pcs	2 - 4
Pumping System	EE with suction pump	
	DE without Pump	
Flow Rate	50 -70 lt/min	
	120 lt/min	



Eurostar EO and DO Series



Nozzle Configurations	1 Product 1 Nozzle 2 Display	
	1 Product 2 Nozzle 2 Display	
	2 Product 2 Nozzle 2 Display	
	2 Product 2 Nozzle 4 Display	
	3 Product 6 Nozzle 2 Display	
	4 Product 8 Nozzle 2 Display	
Number of Display	pcs	2
Pumping System	EE with suction pump	
	DE without Pump	
Flow Rate	50 -70 lt/min	
	120 lt/min	



Mobile Fuel Stations

Main Features :

- Tank with a capacity of 20 m3 or 45 m3
- The fuel dispenser in the mobile station can be with one or two nozzle options.
- Containers size is 20 feet (2438x2590x6058 mm) or 40 feet (2438x2590x12235 mm).
- Container door can be locked and has a standart mechanism that thumb turn.
- Fire extinguisher with a capacity of 12 kg.It has a pressure gauge dry chemical powder with ABC powder.
- Ex-proof lighting system (Ex-proof on-off switch and emergency stop switch,etc.) and electrical control panel will be present.
- Against the voltage dips or spikes , 2KWA regulator to protect the fuel pump.
- Upper level float switch system that prevent overflow.
- Check valve that make easier to suction in fuel pump and lower suction installation.
- Tanker-Tank and Tank-Tanker galvanized pipes filling installation, ventilation and installation of the pump suction will be galvanized.
- Mechanical float transmitter and electronic level gauge with electronic panel .
- Tanker filling instructions and warning signs.(non-smoking,turn off your mobile phone,etc.)





Calibration Equipments

Calibration is the process of finding a relationship between two quantities that are unknown (when the measurable quantities are not given a particular value for the amount considered or found a standard for the quantity). When one of quantity is known, which is made or set with one device, another measurement is made as similar way as possible with the first device using a second device. Europump is the one of the oldest manufacturers and seller for calibration devices for fuel and LPG.

Portable Octane and Cetane Analyzer

The ZX-101XL can tell you if you are reading Gasoline or Ethanol Blended Fuels helping you quickly measure any kind of fuel where you need it most, when you need it most.



Volumetric Prover for Fuel

Volumetric Fuel Provers are easy to use and reliable calibration equipments for fuel stations.



LPG Mastermeter

Europump LPG Mastermeter, used for calibration and measurement of commercial LPG dispensers, is the right, fast and efficient device. Electronic Mastermeters include ATC (Automatic Temperature Correction). With massmeter versions it is also possible to measure mass and density realtime.

Europump mastermeter is proven its reputation by many weight and measure authorities of many governments like Poland and Turkey.



ThermoDensimeter

Portable instrument for determining the vapor pressure and the weight of liquefied petroleum gas (LPG). With this kind of equipment it is possible to determine simultaneously the vapor pressure and the weight of the liquid with a single reading. Based on this data with value of pressure measured on pressure gauge it is possible to determine percentage of propane and butane in LPG mix.

Technical Data :

- Hydrometer ASTM E100-10
Density range 0.500-0.650 kg/m³
Scale division: 1 kg/m³
Error limit: ± 1 kg/m³
Thermometer: 0+35 °C in 0.5 °C
Filling: Hg1 error limit: ± 0.5 °C
- Hydrometer DIN12804
Scale division: 0.0005 g/cm³
Error limit: ± 0.0005 g/cm³
Thermometer: 0+30 °C in 0.5 °C
Filling: Hg1 error limit: ± 0.5 °C
- Working pressure 1500 kPa
- ProLPG hose L= 1 mt.



Automation Solutions

Main principle of automation system is the connection and control of all fuel equipments in the station to an interface units which are connected to the controller computer. Main software can control dispensers, trailers or bobtails, storage tanks, sensors, cameras etc...

The extensive experience gathered by EUROPUMP in the automation systems market makes it as a first choice in petroleum automation applications.

Station Automations :

- Pump automation
- Tank automation
- Customer and Vehicle Identification System
- Station market and Accounting software
- Dvr and Camera system
- Tanker Delivery Integration
- PDA and Web Reporting tools



Tanker truck Automations :

- Liquid fuel tanker truck automation
- LPG tanker truck automation
- Tanker track over satellite
- Dvr Modules



Electronic



LPG



FUEL



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Europump International is a worldwide network with a presence in many region of the world.This helps us to serve our customers more efficient way.To get more information about any Europump International office, please choose from the following regions

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