



### LPG DISPENSER





#### **Products Features**

25 mm	
50 (both types	) L/Min
5 L/Min	
5 L	
0,5 L	
Liquefied petro	oleum gases
500 to 650 kg/	/m³
(-10 to 50)°C	
7 to 25 bar	
1	
M1	
(-25 to +55)°C	
E1	
0,01	L
0,01	Price
9999,99	L
9999,99	Price
99,99	Unit price
	50 (both types 5 L/Min 5 L 0,5 L Liquefied petrr 500 to 650 kg, (-10 to 50)°C 7 to 25 bar 1 M1 (-25 to +55)°C E1 0,01 0,01 9999,99 9999,99

### **FUEL DISPENSER**





Operating	-30 / +80 °C
Relative humidity	95%
Sensitivy	0,5%
Durable case made of ga	lvanized sheet
Full compatiblity with mu	ıltimedia systems
Pressurized or suctioned	production
OPW nozzle used	
A design that allows clea	r visibility
Simple hydraulic parts. Br	ody accurate, accurate pulsar, accurate solenoid valve
Remote intervention to the	ne pump through Internet
Electronic unit designed	with the latest technology
Electronic front panel sup	pported with visual designs





#### **Products Features**

Flow range	1 to 77 kg/min (68 to 7550 nm³/hr)
Pressure limit	375 bar
Working pressure	250 bar
Meter accuracy	±%0,2
Temperature limits	-25/+50



Pistons	4
Measurement Accuracy	± 0.5%
Cycle Volume	0,5 Liter
Magnetic Coupling	14000 Gaus
Body	GGG40 cast iron
Self cleaning and self washing s	ystem.
Cold stampted shaft and crank.	
1.5 million liters warranty.	
Thanks to EC type approval it ca	n be used in all dispenser which has MID
certificate.	

OIML R117 Certified

### **HYDROGEN DISPENSER**





#### **Products Features**

Filling Pressure	35 MPa / 70 MPa
Ambient Temperature	-40∼+55 ° C
Working Power	220V ± 15%, 50Hz±1Hz;
Hydrogen Filling Machine Type	Double nozzle dual metering three line with
	pre-cooling hydrogen filling machine
Hydrogen Filling Nozzle	Double nozzle TK16/TK25
Hydrogen Filling Flow Rate	Not less than 3kg/min
Complies with Society of Automo	otive Engineers (SAE) Standards SAE-
TIR-J-2600, SAE-TIR-J-2601, SA	E-TIR-J-2719, and SAE-TIR-J-2799
Complete fill accuracy of 98% with	th communications
Credit card payment option with	store point-of-sale (POS) interface
Dispenses hydrogen in 3-5 minutes	and temperature control of hydrogen gas to -40°C
Nominal fill quantity of 1-10 kg p	per fill for light-duty vehicles

### **LPG MASTER METER**





Dimensions (without wackage) Net weight	43x45x75 cm 39 kg
Dimensions (with package)	60x75x100 cm @pallet
Gross weigt	49 kg
Nozzle	All Type Nozzles
Meter	LPG PRD Meter Prima / LPG Massflow Meter
Electronic Head	One Single Electronic Head
Estimated Production Time	6 - 8 working weeks

#### LPG HYDRAULIC GROUP

# **COMBO HYDRAULIC GROUP**

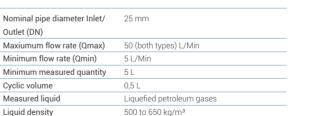




# Products Features



Nominal pipe diameter	25 mm
Inlet/Outlet (DN)	
Maxiumum flow rate (Qmax)	50 (both types) L/Min
Minimum flow rate (Qmin)	5 L/Min
Minimum measured quantity	5 L
Cyclic volume	0,5 L
Measured liquid	Liquefied petroleum gases
Liquid density	500 to 650 kg/m³
Temperature range of liquid	(-10 to 50)°C
Pressure range of liquid	7 to 25 bar
Accuracy class	1
Mechanical class	M1
Ambient temperature range	(-25 to +55)°C



(-10 to 50)°C

(-25 to +55)°C

7 to 25 bar

M1

10

Temperature range of liquid

Ambient temperature range

Pressure range of liquid

Accuracy class
Mechanical class







#### **Products Features**

Inlet Pressure

Capacity

A Series	
Power	37-110 kw
Inlet Pressure	0,5-100 bar
Capacity	100-1900 Sm³/h
2B Series	
Power	Up to 250 kw
Inlet Pressure	0,5-100 bar
Capacity	300-4000 Sm³/h
Hydraulic	
Power	15-55 kw

30-250 bar

85-3000 Sm3/h

1B Series	
Power	Up to 110 kw
Inlet Pressure	20-200 bar
Capacity	545-3750 Sm³/h
4R Series	
4B Series	
Power	200-600 kw
Inlet Pressure	1-100 bar
Capacity	600-9800 Sm³/h
W.O. Z.	
W Series	
Power	55-200 kw
Inlet Pressure	0,5-70 bar
Capacity	200-3650 Sm <sup>3</sup> /h

Voltage	230/400 V
Frequency	50 Hz
Rated power	4 kw
Mounting type	B3
Type of protection	II2G Ex db IIB
Temperature class	T4 Gb
IP	IP55
Max. Ambient temp.	+40 °C
Cooling type	IC411
Efficiency	IE3
Insulation class	CLF
Temperature rise	DT80K

# LPG PUMPS (6 - 8 Stages)





#### **Products Features**

3000 Series		
	6 Stage	8 Stage
Inlet	2 1/2"	2 1/2"
Outlet	1 1/4"	1 1/4"
Pump Capacity	90-100 lt/min	100-120 lt/min
Pump Capacity	5,4-6 m³/h	6-7,2 m³/h
Exproof motor power	4 kw	4 kw

5000 Series		
	6 Stage	8 Stage
Inlet	4"	4"
Outlet	2''	2"
Pump Capacity	400 lt/min	450 lt/min
Pump Capacity	24 m³/h	27 m³/h
Exproof motor power	18,5 kw	22 kw

4000 Series		
	6 Stage	8 Stage
Inlet	3 "	3 "
Outlet	1 1/4"	1 1/4"
Pump Capacity	220 lt/min	230 lt/min
Pump Capacity	13,2 m³/h	13,8 m³/h
Exproof motor power	5,5 kw	7,5 kw

6000 Series		
	6 Stage	8 Stage
Inlet	4"	4"
Outlet	2 1/2"	2 1/2"
Pump Capacity	750 lt/min	800 lt/min
Pump Capacity	45 m³/h	48 m³/h
Exproof motor power	30 kw	37 kw

### **BRC KITS**



	Sequent Comfort	Sequent Platinum	BRC Maestro
Cylinders	≤4	≤4	≤4
LPG ECU connector	FCI 32 Pin	FCI 32 Pin	FCI 56 Pin
Gas ECU body material	Aluminium-Plastic	Aluminium-Plastic	Aluminium
Gas shut-off solenoid valve	2	2	2
Reducer Coolant inlet outlet elbows	Plastic	Plastic	Brass
Internal petrol injectors emulation	(√)	(√)	[√]
	Resistive	Resistive	Resistive
Gas pressure imput integrated on rail	Χ	(√)	(√)
Gas temp. imput integrated on rail	χ	(√)	[√]
Water temperature sensor on reducer	(√)	(√)	(√)
N lambda oxygen imput	1	1	1
RPM signal	[√]	(√)	[√]
MAP sensor	LPG/Only calibration	LPG/Only calibration	Kit without
	CNG/Included	CNG/Included	
Communication with OBD (K and CAN)	Х	(√)	[√]
Sequential fuel switch over	(√)	(√)	[√]
Injectors type	Gemini	IN03 MY09	INO3 MYO9
Gas level indicator	Switch	Switch	Switch

LPG METER LPG NOZZLE









#### **Products Features**

Pistons	4
Measurement Accuracy	± 0.5%
Cycle Volume	0,5 Liter
Magnetic Coupling	14000 Gaus
Body	GGG40 cast iron
Self cleaning and self washi	ng system.
Cold stampted shaft and cra	ank.
1.5 million liters warranty.	
Thanks to EC type approval	it can be used in all dispenser which has MID
certificate.	
OIML R117 Certified	

Size	19,9x23,1x6 (cm)
Connection Dimensions	1" BSPP End
Temperature	-45+55 °C
Working Pressure	25 bar
Test Pressure	37,5 bar
Sealing	Polymer and Elastomer O-ring
Components	MS58 Brass Metal, 6013 AI, Chrome, Nickel
Product Weight	1650 gr
Usage	LPG systems

### **LPG FILTERS**





### **LPG BREAKAWAY**



#### **Products Features**

Size	(1) 13,2x5,6 (cm)
	(2) 12,7x6,5 (cm)
	(3) 11x6,2 (cm)
Temperature	-45+55 °C
Working Pressure	25 bar
Test Pressure	37,5 bar
Sealing	Polymer and Elastomer 0-ring
Filter Paper	5 micron
Components	Perforated steel, Spring, Filter Paper, Glue
Product Weight	(1) 190, (2) 310, (3) 280 (gr)
Usage	LPG Dispensers

Size	11,55x6,6 (cm) - 25cm Wire
Connection Dimensions	34" NPT
Temperature	-45+55 °C
Detached Strenght	180-200 Newton
Working Pressure	25 bar
Test Pressure	37,5 bar
Sealing	Polymer and Elastomer O-ring
Components	MS58 Brass Metal, 6013 AI, SS316 Steinless
Product Weight	1375 gr
Usage	LPG systems

### **LPG SHUT - OFF VALVE**





cm)
°C
and Elastomer O-ring
rass Metal, Steel Spring,
tems

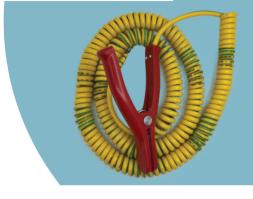
### **HOSE GUIDE**





Size	16,5x16,5x25 (cm)
Connection Dimensions	M10 Dowels
Temperature	-45+55 °C
Components	Otomat, St37 Steel, PPRC
Product Weight	3790 gr
Usage	LPG Dispensers

### **SPIRAL GROUNDING WIRE**





#### **Products Features**

Size	(1) 16,5x16,5x25 (cm)
Connection Dimensions	7 (mm)
Temperature	-45+55 °C
Transmitter	Annealed Class 5 Copper - 6 mm²
Current Draw	150 Amper
Wire Diameter	7 (mm)
Spiral Diameter	24 (mm)
Wire Lenght	10 mt
Spiral Lenght	120 (cm)
Components	Polvurethane (PUR), Copper, PVC
Product Weight	700 gr
Usage	Grounding Systems



Size	10,8x17 (cm)
Connection Dimensions	8 (mm)
Temperature	-45+55 °C
Current Draw	150 Amper
Components	%100 ABS, Nickelic copper, Spring
Product Weight	130 gr
Usage	Grounding Systems

### **LPG NOZZLE COVER**





18x15 (cm)
-45 + 55 °C
Special Polyvinyl
Chloride Resin
Antistatic
120 gr
LPG Nozzles

FABRIC		
Size	19x16 (cm)	
Temperature	-45 + 55 °C	
Components	Special Fabric,	
	Transparent PVC	
Special Feature	-	
Product Weight	60 gr	
Usage	LPG Nozzles	

### **KNEE PAD**



Size	18x22 (cm)
Connection	Velcro Clamp, With Buckle
Components	PVC, Fabric
Product Weight	240 gr
Product Weight	240 gr

### PROTECTION BARRIER







#### **Products Features**

Bottom Plate	280x280x15 (cm)
Pipe	750Lx139x4 (mm) 5"
Сар	SCH20, 139x3 (mm)
Triangle Support	60x60x15 (mm)
Rope	Q16mm Steel Rope
Connection	M18x15 mm Rod + Epoxy
Total Weight	20 kg
Dye	Primer + Static Acrylic Wet Paint
Color	White, Red and others
Materials	Welded Pipe
Typers	Welded (with steel rope), Weldless



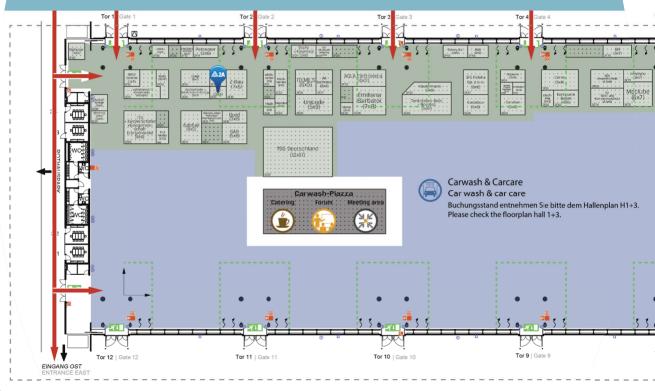
### Messe Stuttgart, Messepiazza 1, 70629 Stuttgart

Opening times for trade visitors		
Tuesday	17 May, 2022	9.30 to 18.00
Wednesday	18 May, 2022	9.30 to 18.00
Thursday	19 May, 2022	9.30 to 18.00

#### STUTTGART METRO MAP



#### 2A STAND Hall 3 / 3E14





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