

OASIS



MEKSER OASIS series is designed to serve one or two products on both sides of the island with 1-2 nozzles and 1-2-4 sales screens.

ELECTRONICS

The newly improved high-tech MKR-5 pump calculator provides the latest in dispenser electronics, enabling to communicate with all major automation and forecourt site controllers and thus providing wide range of flexibility for different applications.

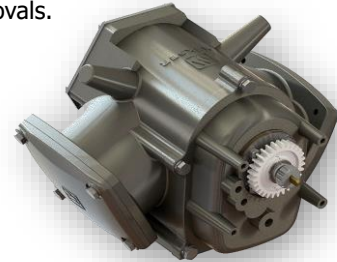


Electronics	MKR5 + HC
Type	SMB & Modular Design
Capacity	1-2 Product 1-2 Nozzles 1-2 Filling
Mains Supply	Calculator: 240 VAC Suction: 240/380 VAC
Frequency	50 ±5 Hz
Operating Temperature	-25°C ~ +55°C
Humidity	100%
Consumption	Calculator: 55 W Motor: 0.55 kW
Electronic Totals	10 Digits (E & NE)
Electromechanical Totalizator	7 Digits (non-resettable)
Preset Programming	Volume / Amount
Preset Programming (Option)	2 Button (big-small value)
Password Protection	User and Service Access
Electronic Calibration	Smart Pulse Generator
Solenoid Valve Drive	Two Stage
Display (Standard)	8" LCD, 1" Digit, Black&White
Communication Port (Current Loop - RS485)	Current Loop, RS485
Fiscal Cash Register Compatible	√

FLOWMETER

At the heart of every MEKSER dispenser lies 35 years of hydraulic production experience. Fully machined in-house by high technology CNC machines, assembled and tested by experienced craftsmen.

MEKSER hydraulics have internationally recognized quality and accuracy approvals.



Flowmeter	PM2
Type	Positive Displacement
Piston	2
Cylinder Volume	0.50 Lt./Rev.
Body	Aluminium Injection
Minimum Measured Volume (MMQ)	2
Accuracy	%±0.05 (better than %±0.25)
Maximum Pressure	0.3
Temperature Range of Liquid	-20°C ~ +50°C
Type of Liquid	Gasoline and Diesel
Mechanical Calibration	Optional
Electronic Calibration	Standard

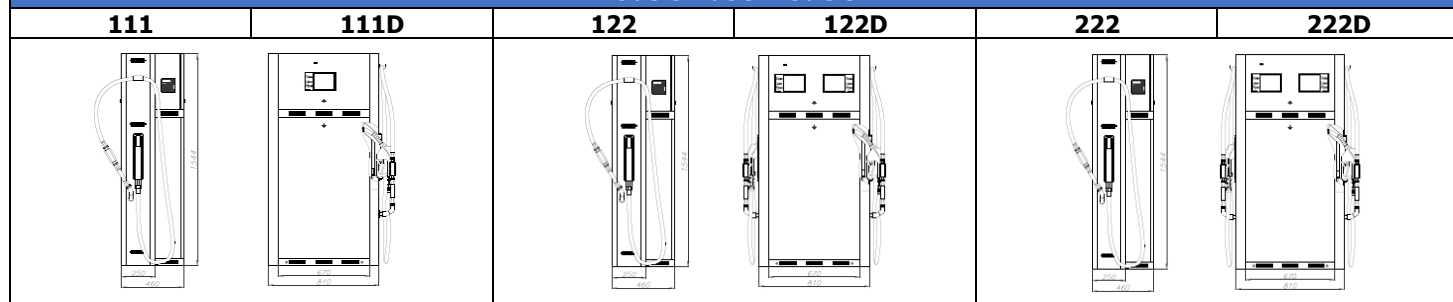
PUMPING UNIT



VP80G is a self-priming internal gear type suction unit with a certified gas separator, adjustable sealed by-pass valve, control valve and washable stainless steel inlet filter. VP80G works silent with proven performance in the harshest conditions. VP120 is a self-priming vane type suction unit with the same functionalities for heavy duty applications.

Suction Pump	VP80G	VP 120
Type	Gear	
Body	Al. Injection	
Maximum Flow (Lt./Sec.)	80	120
Pump Rev (rpm)	680	680
Noise (dB)	70	82
By-Pass Pressure Configuration (bar)	2 - 2.5	3 - 3.5
Dry Suction (mmHg)	450	450
Min. Fuel Suction (mmHg)	700	700
Inlet Filter (Suction Type)	√	√
Cartridge Filter (Pressure Type) (10 µm – 30 µm)	√	√

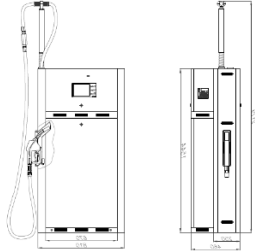
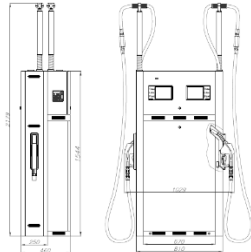
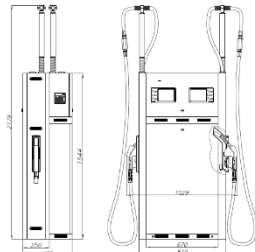
Oasis Base Models



Technical Features M300 OASIS Series Fuel Dispensers

		111	111D	122	122D	222	222D
System		Suction	Pressure	Suction	Pressure	Suction	Pressure
Fuel Type		1	1	1	1	2	2
Nozzle Automatic	3/4" – 1"	1	1	2	2	2	2
Simultaneous Filling		1	1	2	2	2	2
Display	8-6-6	2	2	4	4	4	4
Capacity		Standard: 45 Lt./Min. High Speed: 70 Lt./Min. Heavy Duty: 120Lt/Min.					
Hose	4 Mt.	Standard: 5/8" High Speed: 1" Heavy Duty : 1 "					
Operating Temperature		-25 °C ~ +55°C					
Relative Humidity		%100					
Supply Voltage		Single Phase: 220 VAC ±%15 Three Phase: 380 VAC ±%15					
Frequency		50 Hz ±5					
Power Consumption							
Electronic Unit		100 W	100 W	100 W	100 W	100 W	100W
Motor Three Phase	3/4 Hp.	0.75 kw	--	0.75 kw x 2	--	0.75 kw x 2	-
Dimensions (width x depth x height)		* Dimensions may differ depending the options.					
Net	cm	81x 46x154,5	81x 46x154,5	81x 46x154,5	81x 46x154,5	81x46x217,9	81x46x217,9
Gross	cm	105x60x168	105x60x168	105x60x168	105x60x168	105x60x225	105x60x225
Weight		* Weight may differ depending the options.					
Net	Kg	147 kg	106 kg	158 kg	122 kg	213 kg	131 kg
Gross	Kg	171 kg	130 kg	182 kg	145 kg	237 kg	156 kg
Suction Pump (Suction Types)		Gear Type	--	Gear Type	--	Gear Type	--
Accuracy		± 0.05% (better than ± 0.25%)					
Electronic Calibration (on Pulser)		√	√	√	√	√	√
Electro-mechanical Totalizer	7 Digit	√	√	√	√	√	√
Amount / Volume Preset		√	√	√	√	√	√
Stop Button		√	√	√	√	√	√
Nozzle Swivel	360°	√	√	√	√	√	√
Breakaway	3/4" - 1"	√	√	√	√	√	√
Spin-on Filter (Pressure Types)	10µ - 30µ	--	√	--	√	--	√
Inlet Filter (Suction Types)	Metal	√	--	√	--	√	--
Communication Port (CL / RS485)		√	√	√	√	√	√
Cash Register Compatible		√	√	√	√	√	√
Packaging		Wooden Pallet + Cardboard Box + Bubble + Stretched Nylon					

Options*
M300 OASIS Series Fuel Dispensers

		111	111D	122	122D	222	222D
Electronic Caninet Heater	160W x 2	√	√	√	√	√	√
Mechanical Calibration (on flowmeter)		√	√	√	√	√	√
Receipt Printer		√	√	√	√	√	√
Metal Keyboard		√	√	√	√	√	√
Single Phase Motor	0.75 kw 1 Hp	√	√	√	√	√	√
Heavy Duty Motor	1.5 kw 2 Hp	√	√	√	√	√	√
High Speed: 70 Lt./Min.		√	√	√	√	√	√
Heavy Duty: 120Lt/Min.		√	√	√	√	√	√
Spring Hose Mast Retraction System							
Hose				High Speed: ¾"-1"		Heavy Duty : 1 "	
Nozzle Automatic						1"	
Breakaway						1"	

* Options must be specified on order

Approvals

ATEX 2014/34/EU
MID 2014/32/EU

