

STANDARD SPECIFICATION

- **Calculator** Eco Pump Electronic Counter WA series
Calculators with electronic volume /amount totalizers for every dispensing nozzle
- **valves** Electromagnetic proportional valve+220 V
- **Displays** LCD with LED back light with 8 digits for amount,8 digits for volume and 6 digits for unit price
- **Motors** Ex three-phase motor 380V or single-phase motor 220V, 1.5KW
- **Fuel types** Petrol,Diesel,BioDiesel,Ethanol(E85),Kerosene and Gasohol
- **Nozzle Switch** With auto Nozzle switch
- **Hoses** Dn20, option for Dn25 or DN40
- **Housing** Galvanized or powder-painted carbon steel
- **Meters** Pistons volume meter, one time calibration for 20 Million Liter
- **Suction pumps** Monoblock with gear pump, air separator and filter / **Option**
- **Nozzles** Dn20 Automatic nozzle, Option for 1 and 1.5 inch
- **Pulsers** Optoelectronic pulse transmitter with electronic volume correction
- **Safe Control** Sealing on Keyboard, Display board main board, meter pulser Printer
- **E-Stop** Mainsafety switch(E-STOP)
- **Oil Inlet** Flexible pipe connection with flange 1.5 inch, 15cm
- **Break Valve** Breakaway couplings 3/4 inch

OPTIONS

- Foundation frame
- Sight glasses
- Customizable colours
- Customizable design modifications
- Electro-mechanical totalizers
- Housing-stainless steel
- Infra-red remote controller
- LED site number
- Payment terminal-integrated solution for wide range of terminals
- Proportional graphics display with customer text messages
- Pulse interface
- Remote version-ready for connection with submersible pump installed inside the tank
- APP, Fuplus on both ISO and Android system
- IC CARD SYSTEM
- Sound module
- **Cash Receptor**
- Printer, available for arabic language
- Volume and amount preset function via push buttons
- Wide range of data line communication protocol converters
- Vapour recovery system
- Media Player



Fuel dispenser

Model NG224 for 2 Pump 2 Nozzle 2 Keyboard 4 display board



NG -224

Suction Type Fuel dispenser

Fuel Dispenser **NG series** with flow rate from 5LPM to 200LPM serve for dispensing of liquid oil products into car or trucks.

Model NG are progressive designed for 1- 8 Nozzle and at least 4 nozzle can work at same time. The fuel dispenser are equipped by the highest-quality Filter and 4-Piston Flow meter and a reliable electronic controller WA Series.

A simple and attractive design with durable material in addition to composite plastic nozzle boots with automatic switch and countless design configuration lasts longer and offers certain benefit to its users.



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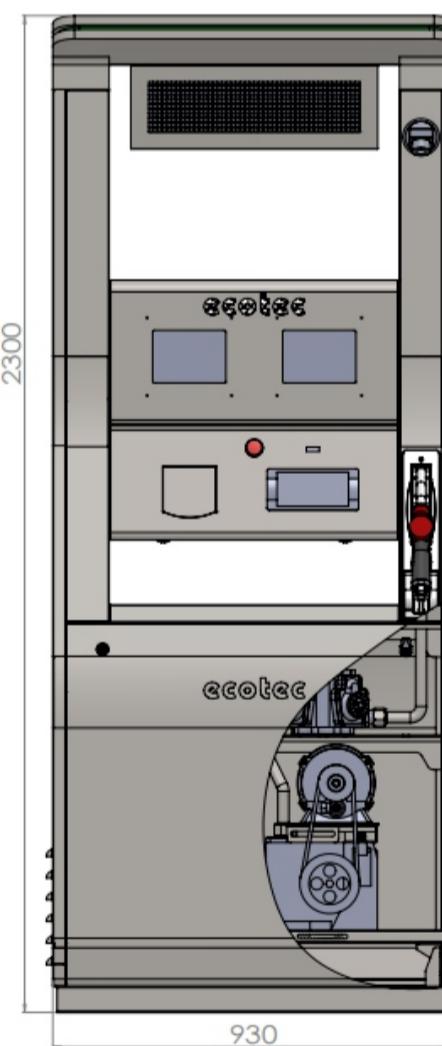
Fm01 Flow Meter: 4 Piston Displacement flow meter with 0.5L / revolution is specially designed for heavy duty purpose, flow range from 2 to 85 L, during this range the flow accurate can keep same result. also this meter can work without calibration for over 20 Million Liter, it is very stable.

Accurate range from -0.05 to 0.15%, Working Press ≤ 0.3 MPa
Mechanical calibration range from -0.5% to 2.0%, each hole is 0.05%



Fp01 Gear Pump: is a compact design with air separator inbuilt, durable and easy maintenance; inbuilt with check valve and SS 304 Filter. Suitable for Gasoline, Diesel, Gasohol and Kerosene. High Suction Power, it is a good choice for the area where it is hot, it can solve the gas block in the pump, low noise, long suction head. Motor Power: 220V or 380V 0.75KW. Speed: 880rpm. Vacuum degree: ≥ 0.054 MPa. Flow Rate: 5 to 85L. Outlet Pressure: Pressure: ≤ 0.3 MPa. Lifetime: 100 Million Liter.

Drawing



TECHNICAL & ENVIRONMENTAL SPECIFICATION

Flow rates	Normal flow: 45L/min	High flow: 75 L/min	Ultra High flow: 120-200L/min
Accuracy	$\pm 0.15\%$ with flow range from 2L to 200L		
Power supply	220/380VAC		
Ambient temperature	- 25°C to +55°C		
Temperature of fluid	- 20°C to +50°C		
Relative humidity	5% to 95% non-condensing		
Product	Type	Hoses/Performance	
1	Submersible O224-45	2 x 45L/min	
2	Submersible O224-75	2 x 75L/min	
3	Submersible O224-120	2 x 120L/min	
4	Submersible NG224-200	2 x 200L/min	

*120 and 200L meter is different