

ELECTRONIC FUEL DISPENSERS

MPD 5000 SERIES

- RELIABLE
- ACCURATE
- DURABLE

Neotec Ltd. proudly presents the new MPD 5000 Series of Retail Fuel Dispensers.

MPD 5000 Series is A High Hose Multiproduct Fuel Dispenser.

It offers the high advantages of latest technology combined with durability and flexibility. They present a combination of a rigid structure and a state-of-art design. Available in very competitive prices.

MPD 5000 Series complies fully with the highest safety standards, as our products and production facilities have been certified according EN ISO 9001:2000 and ATEX 94/9/EC directive.

NEOTEC Ltd.

**PRODUCTS & SERVICES
FOR THE PETROLEUM
HANDLING INDUSTRY**



STANDARD FEATURES

EXTERIOR HOUSING:

All external metal panels are electro-statically painted for excellent appearance, maximum protection and long life. Durable in harsh environmental conditions.

HYDRAULICS:

Meter: High Accuracy, Positive Displacement Meter

Pumping Unit: Vane type with built in Air Eliminator, Filter, Check Valve and adjustable By-Pass Valve

ELECTRIC MOTOR:

Heavy duty Ex-Proof Motor, Single or Three phase, 220 or 380v / 50Hz
Suitable for continuous work.

ELECTRONICS:

The electronic computing head operates according to the latest technology, providing highest protection with built in diagnostics using error codes. Compatibility with most Fleet Management Automation Systems, through IFSF Protocol.

Main Features & Benefits

- In compliance with highest safety European standards.
- International Approvals EN ISO 9001:2000 and ATEX 94/9/EC
- Very competitive price
- Durable construction
- Easy & Smooth operation
- Easy maintenance
- Innovative design combined with Ergonomic cabinet.
- Efficient custom service

TECHNICAL SPECIFICATIONS

RETAIL FUEL DISPENSER
SUCTION TYPE OR PRESSURE TYPE
FOUR / SIX / EIGHT HOSES - TWO / THREE / FOUR PRODUCTS
FLOW RATE: 40 / 80 lpm

Flow Meter: Positive displacement meter, corrosion proof, composed of materials with long-life and long-wear characteristic.
Measuring accuracy within: $\pm 0.2\%$.
Cylinder cover adjustment device provides easy field calibration.
Having a micro exterior adjustment.
Min. Flow rate: 5 lpm
Max. Flow rate: 90 lpm
Minimum adjustable quantity: 0.025%.
Delivery capacity per revolution: 0.5L
Repeatable Tolerance: $\pm 0.1\%$
Applicable with unleaded gasoline 15%-20% MTBE / Gas Oil / kerosene.

Suction Pump: Sliding vane type. Suction head 5 meters.
Equipped with air eliminator, standard filtration, adjustable by-pass valve and control valve.
The driving of the pumping unit is done by belt drive.
Min. Flow rate: 5 lpm
Max. Flow rate: 90 lpm

Electronics: LCD type, double sided with easy and clear readability under direct sunlight conditions and extremely good night visibility.
Liquid Crystals for the total price (Amount) display: 6 digits.
Liquid Crystals for the total litter (Volume) display: 6 digits.
Liquid Crystals for the Unit Price display: 4 digits.
The Fuel Pump has safety feature (passwords) to prevent tempering or accidental resetting by anyone unauthorized.
Display of error codes for easy diagnosis. All data are protected by back up battery.

Nozzle: Automatic ZVA nozzles, size 3/4" / 1"

Hose: Dispensing antistatic oil resistant hose, high quality
Size: 3/4" / 1" Length: 4m (Optionally any other required length)

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OPTIONALLY

- Full range of swivels options
- Push to Start Button
- Hose reel retractor
- Full range of nozzle options
- Emergency stop button
- Vapor Recovery Stage II

