

**Standard Features**

Nominal Flow Rate: 25lpm  
Electro Mechanical Totalizers  
Preset Function  
LCD Back Light Display 34mm  
Electronic Calibration  
Automatic Temperature compensation  
ATEX 94/9/EC  
MID 2004/22/EC

**Optional Features**

EMV pay at the Dispenser  
Interface with OPT Systems.  
RFID Transactions  
On Dispenser printer

**LPG M-5200 Series provides:**

1. High accuracy Flow Meter  
eliminates loss of product.
2. State of art Electronics
3. Robust Construction
4. Visual Standards according  
to customer's needs
5. Low total life circle cost
6. Efficient long standing support  
on genuine Spare Parts
7. Fast deliveries
8. Extended Warranty

# LPG M-5200 SERIES

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## Design features



### STATE OF ART PRODUCTION FACILITIES

- Production facility housed in an industrial building of 3500m<sup>2</sup>. To comply with the up-to-date technological market requirements the production is equipped with state of art equipment such as punching machines (CNC), testing facilities, underground fuel depots and MRP warehouses software.
- Production facility certified according to ATEX 94/9/EC and MID/2004/22 Directives.



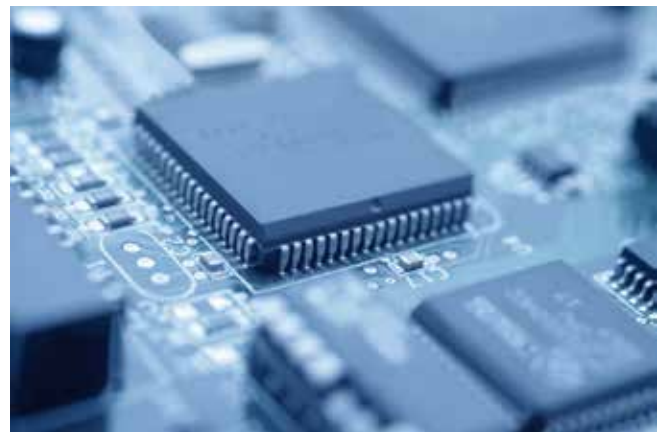
### EXTERIOR HOUSING

- Galvanized Steel Metal Panels, powder coating paint for excellent appearance, maximum protection and long life.
- Durable construction in harsh environmental conditions.
- Stainless Steel Metal Panels (optionally)



### HYDRAULICS

- High quality hydraulic components designed for Easy Installation, Simplicity on Operation and Minimum Maintenance Requirements.
- Flow Meter is certified according to MID 2004/22/EC Directive, ensuring highest accuracy.

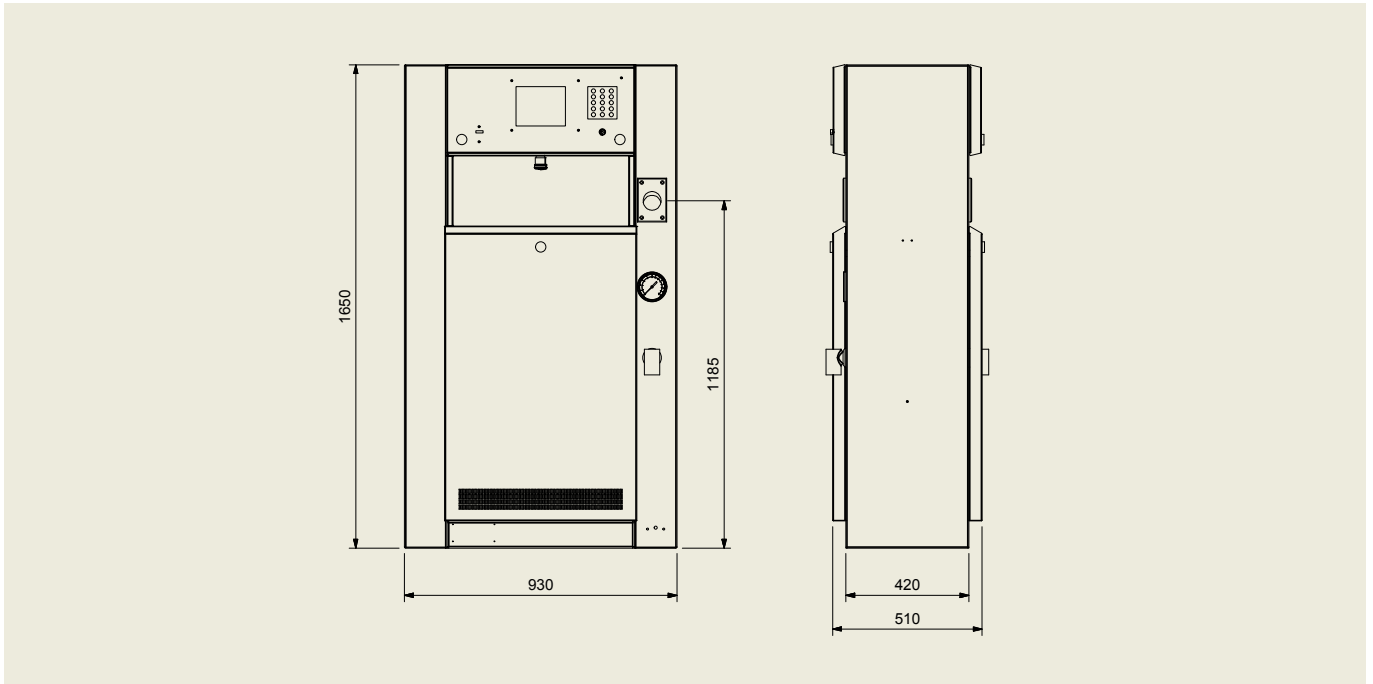


### ELECTRONICS

- R&D Electronics Dept. manned with certified engineers, offering tailor made solutions.
- Electronics according to latest technology, with password MID Certified.
- Built in diagnostics with error codes indicated in state of the art LCD Backlight Displays.
- IFSF Communication Protocol.

# LPG M-5200 SERIES

## Technical Specs



RETAIL LPG DISPENSER  
SINGLE OR DUAL HOSE  
**FLOW RATE: 25 lpm**

### Flow Meter

Accuracy: +/-0.6%  
Inlet thread: 1" BSPP  
Outlet thread: 3/4" NPT  
Main body: Nodular cast iron  
O-rings: NBR  
Piston gaskets: Teflon  
Crank shaft: Nodular cast iron

### Differential Pump

Main body: Nodular cast iron  
O-rings: NBR  
Membrane: NBR

### Filter

Inlet thread: 3/4" NPT  
Outlet thread: 3/4" NPT  
Filter mesh: 20 microns

### Electronics

Atmel AVR Risc-Processor  
Accuracy class: 0.5  
Electromagnetic environment class: E1  
Automatic Temperature Compensation  
Self diagnostics  
MID Certification

### Hose

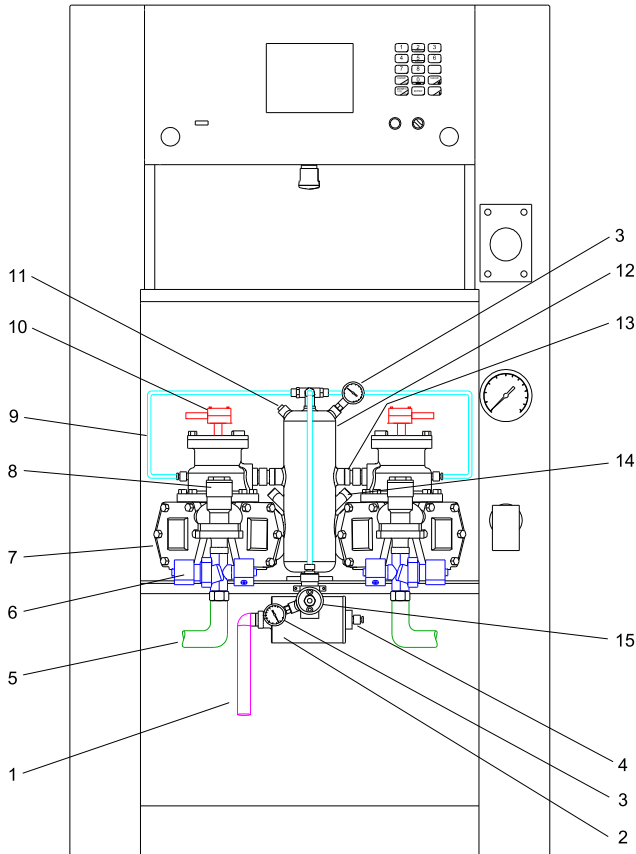
Hose length: 5m with breakaway coupling  
Diameter: 3/4"  
High pressure LPG hose, electrically conductive.

### Nozzle

Body: Aluminum  
Internal Components: Brass and steel  
Seals: Specially formulated polymers and elastomers specific to LPG applications.

# LPG M-5200 SERIES

## Design features



I/N	DESCRIPTION
1	INLET SUPPLY
2	FILTER
3	PRESSURE GAUGE
4	1/4" PURGE VALVE
5	LIQUID PHASE LINE
6	SOLENOID VALVE
7	FLOWMETER
8	DIFFERENTIAL VALVE
9	VAPOUR RETURN LINE
10	PULSER
11	SAFETY RELIEF VALVE
12	GAS SEPARATOR
13	CHECK VALVE
14	ATC
15	CALIBRATION PORT

## Spyrides Dispenser Range



## Documentation

Documentation provided with each LPG Dispenser:

- Installation, Operation and Maintenance Manual
- Parts Manual
- Warranty Declaration
- All relevant Certificates

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