

«Avantgarde» flyer

Overview

“Avantgarde” series CNG dispensers used for refilling of vehicles that run on compressed natural gas (methane). Dispensers locate near compressor station and perform vehicles refilling with natural gas compressed up to 200 bar.

Technical specifications

- Single, two or three line options available
- Minimal gas flow per hose- 0.5kg/min
- Maximal gas flow per hose - 80kg/min
- Accuracy - not more than 1%.
- Three line LCD display per hose. Two lines are 6 digits to indicate cost and mass/volume.
The third line to indicate price/pressure/temperature.
- Display's list significant digit indicates 0.01 kg or m³
- Maximum allowed inlet pressure - 275 bar.
- Number of hoses - 2 (default)
- Ambient temperature range -30+60 C
- Power consumption - не более 15 Вт

Dispenser's structure.

Dispenser has metallic enclosure which consists of upper and lower parts. The electronics resides In the upper part. The lower part consists of:

- Two flowmeters
- Air actuated two/four/six ball valves (default two)
- Manual two ball valves
- Check valves
- Two pressure sensors
- Stainless steel pipes
- Pressure regulator (option)

The upper part consists of:

- Dispenser's controller
- Two LCD displays
- Power supply
- Air switches

On the enclosure there two keypads key pads to change/read dispenser's settings .Also, there are two pressure gauges. The refilling kits consists of two breakaway valves, hoses, 3 way valve and nozzle.

Dispenser view

