



CNG Dispensers

Natural Gas Technologies



Dispensers

The **EM** dispenser line represents state-of-the-art technology for CNG refilling. They are easy to install, operate and maintain. The design and quality of components assure fast and safe refilling and accurate measurement. These compact and modern units can even be installed next to conventional liquid fuel dispensers.



Main Characteristics:

- Maximum Instant Flow Capacity: [6; 15; 30 or 50] kg/min.
- One or three way lines refilling system.
- Single or double refilling hoses.
- Mass Metering System per hose.
- Working pressure: 250 bar.
- Cut pressure: (according to customer needs).
- Breakaway and excess flow valves system per hose.
- Emergency shut-down for all the installation.
- Able to work in areas of Class I Division I.
- Shut Down device activated by High Gas Pressure, and Low or High Natural Gas Flow.
- Integral electronic sequencing and temperature compensation device.
- Visualization display system of gas outlet pressure, Full Charge completion, Unit rate in \$/kg, total price of sale in \$ and total volume of sale-equivalent kg of Natural Gas.
- Ability to store previous sale, accumulated volumes and total sales.
- Capability for serial communication with site fuel management.
- Optional multiservice for hoses of different elements like oil, water and air.

The Multiservice (EMS) dispensers include:

- Two retractile hoses with the following alternatives
 - Retractable Oil Hose
 - Retractable Water Hose
 - Retractable Air Hose



- Stainless Steel Basin
 - Trash can



Dispenser Alternatives

Dispenser line	Service	Maximum Instant Flow Capacity	Quantity lines of Refill	Quantity of Hoses
EM	B*	6 [m3/min]	1 (single way)	S Single CNG hose
	S*	15 [m3/min]	3 (Three way)	D Double CNG hoses
		30 [m3/min]		
		50 [m3/min]		

*B: Base model, S: Base model with multiservice hoses

Examples of Dispenser Models:

EM-6-1-D: Base dispenser; with maximum instant flow capacity of 6 Kg/min; one way line refilling system; double refilling hoses. This dispenser is used mainly for light vehicles as cars.

EM-15-1-D: Base dispenser; with maximum instant flow capacity of 15 Kg/min; one way line refilling system; two refilling hoses. This dispenser is used mainly for vehicles as buses and cars.

EM-30-3-S: Base dispenser; with maximum instant flow capacity of 30 Kg/min; three way line refilling system; single refilling hose. This dispenser is used mainly for buses and trucks.