



EM 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 quick and safe refueling and accurate measurement. These compact and modern units can even be installed next to conventional liquid fuel dispensers.

Main Characteristics:

- ▶ Maximum Instant Flow Capacity: [15; 30 or 50] kg/min.
- ▶ One or three way lines refilling system.
- ▶ Single or double refueling hose.
- ▶ Mass Metering System per hose.
- ▶ Working pressure: 250 Bar.
- ▶ Cut pressure: (adjustable to customer needs).
- ▶ Shut Down device activated by High Gas Pressure, and Low or High Natural Gas Flow.
- ▶ 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.
- ▶ Integral electronic sequencing and temperature compensation device.
- ▶ Visualization display system of gas outlet pressure, Full Charge completion, Unit rate in \$/Kg or \$/m³, total price of sale in \$ and total sale volume or-equivalent Natural Gas Kg.
- ▶ 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 dispensers include two retractile hoses for oil, air or water which may be combined according to customer's needs with a service sink and/or a trash bin.

Dispenser Configuration Options

Model	Services	Maximum Flow Rate	Priority Panel type	Number of Hoses
EM	B (Base)	15 (Kg / min)	1 way	S (1)
	S (Multiservicio)			D (2)
	B (Base)		3 ways	S (1)
	S (Multiservicio)			D (2)
	B (Base)	30 (Kg / min)	1 way	S (1)
	S (Multiservicio)			D (2)
	B (Base)		3 ways	S (1)
	S (Multiservicio)			D (2)
B (Base)	50 (Kg / min)	1 way	S (1)	

Dispenser configuration samples

- EMB-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 small buses and cars.
- EMB-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.