FM

Pressure regulators

The single-stage FM pressure regulators are designed for direct fitting on medical gas cylinders in the different reference standards.

STRUCTURE

The single-stage **FM** pressure regulators are equipped with single gauge to check the remaining contents of the cylinder or with double gauge to check and adjust the working conditions according to the user requirements. They can be supplied with the calibration of the outlet pressure preset or adjustable through a knob.
The body is manufactured of chrome-plated brass, with a pre-calibrated overpressure safety valve to protect against any malfunction of the system. A protective silicone cover prevents gauge damages caused by possible shocks received during transport or use. Cylinder inlet connections are available for all the most commonly used medical gases, according to the various standards used in different Countries.

SPECIAL VERSION FOR AMBULANCES

A special version, made for ambulances applications, fits a pressure gauge with electric signal 4-20 mA or 0.5-4.5 V output for the continuous monitoring of the supplied pressure and with system control panel interface.

Main **information**

The **FM** pressure regulators are equipped with single or double gauge.

Calibration of the outlet is preset or adjustable through a knob (double gauge version).

Related products

Cylinder inlet connections
from p. 57

	FM single gauge		FM double gauge	
	MAX. SIZES (LxWxH)	**MAX. WEIGHT**	**MAX. SIZES (LxWxH)**	**MAX. WEIGHT**
OUTLET				
TUBING CONNECTOR Ø 6 mm	100x136x120 mm	0.95 Kg	102x136x113 mm	1.14 Kg
TERMINAL UNIT	100x137x120 mm	1.21 Kg	102x137x113 mm	1.40 Kg
THREAD ISO G. 1/4" F.	100x105x120 mm	0.92 Kg	102x105x113 mm	1.11 Kg
MAXIMUM INLET PRESSURE	200 bar (100 bar for N_2O and CO_2)			
INLET CONNECTIONS	UNI 11144 · NF-E 29-650 · BS 341-3 · DIN 477- 1 · CGA · EN 850			
TERMINAL UNIT TYPE (IF PRESENT)	AFNOR NF-S 90-116 · UNI 9507 · BS 5682 · DIN 13260-2 · SS 875 24 30			
GASES OPTIONS	O_2 · AIR · N_2O · N_2 · CO_2 · Helium · Hydrogen			

COMPANY INFO: Flow Meter Spa - Via del Lino, 6 - 24040 Levate - Bergamo - ITALY
Tel. +39 035 594047 | Fax +39 035 594821 | info@flowmeter.it | **www.flowmeter.it**
P.IVA/VAT IT01737040160

1 **Outlet for FM** pressure regulator (optional).

2 One of the several inlet connections for cylinder direct fitting.

FM
pressure regulator
with single gauge for N_2O

FM
pressure regulator
with single gauge

FM
pressure regulator
with double gauge

1

FM
pressure regulator with special gauge
for ambulances

Pressure regulator for ambulances

GASES OPTIONS	Oxygen
GAUGE ELECTRICAL FINAL	4-20 mA or 0.5-4.5 V output
OUTLET CONNECTOR	hose connector with gas specific rotating nut

COMPANY INFO: Flow Meter Spa - Via del Lino, 6 - 24040 Levate - Bergamo - ITALY
Tel. +39 035 594047 | Fax +39 035 594821 | info@flowmeter.it | **www.flowmeter.it**
P.IVA/VAT IT01737040160