

Filling unit for cylinders used in the inert gases extinction systems

IG-FILL Series

Designed for the filling or the top filling of cylinders with Argon, Nitrogen or mixture of Ar – N₂.



APPLICATIONS

This series allows to refill the cylinders used in the extinction systems working with inert gases such as Argon, Nitrogen or a mixture of them.

The unit is composed by a high pressure compression system which is able to refill cylinders up to a maximum pressure of 310 bar.

The unit can be used both for the complete refilling of empty cylinders and for the top filling or the charge completion of cylinders partially refilled.

This unit is particularly useful for the operators that normally fill cylinders up to 200 bar and need to reach the pressure of 300 bar.

COMPONENTS AND MAIN DEVICES

- > Painted steel framework
- > Control panel
- > High pressure compression system
- > System for regulation and stabilization of the inlet pressure
- > High efficiency filtering system
- > Circuits for the direct and the by-pass refilling
- > Control gauge for:
 - ☐ Inlet pressure
 - ☐ Refilling pressure
- > Automatic stop device
- > Main electrical panel board



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STANDARD EQUIPMENT:

- > High pressure flexible hose connecting the supplying cylinders (equipped with safety cable)
- > High pressure flexible hose connecting the cylinders to be refilled (equipped with safety cable)
- > Set of adapters connecting the supplying cylinders, Argon and/or Nitrogen
- > Connecting adapter of the cylinder to be refilled
- > User manual

OPTIONALS ON REQUEST

- > Device for the refilling temperature control
- > Device for the weighting charge control
- > Manifold plus rack for 5 supplying cylinders connection
- > Manifold plus rack for the connection of 2 cylinders to be refilled
- > Kit for the supplying from liquid tank

TECHNICAL SPECIFICATIONS

MODEL	IG-FILL130	IG-FILL260
Code	MGXE010	MGXE020
Nominal capacity	13 Nm ³ /h	26 Nm ³ /h
Maximum operating capacity (bar)	310	310
Voltage/Frequency (Vac/Hz)	400/50	400/50
Maximum electrical power (kW)	4,5	9,0
Dimensions (LxHx mm.)	1000x750x1150	1650X750X1150
Weight (Kg)	180	370

For further information:

VANZETTI EQUIPMENT S.r.l.
via Avv. Giovanni Agnelli 10
12033 MORETTA (CN) ITALY
Tel. (+39) 0172 915811
Fax (+39) 0172 915822
info@vanzettiequipment.com

www.vanzettiequipment.com

Easy, safe, modular