

# Filling station for liquid CO<sub>2</sub>, with manual control

## Series FCD22

**AN ECONOMICAL AND EASY-TO-USE SOLUTION  
FOR FILLING WITH WEIGHT CONTROL**



The FCD22 unit permits to fill cylinders and extinguishers by manual control with CO<sub>2</sub> transferred from cryogenic tank. The operator acts on the check valves manually according to the information supplied by the control weighing scale displays. Bundle filling, can optionally be obtained on a third weighing appropriate scale. The filling stations managed by the FCD22 unit allow a single operator to fill the cylinders by checking the weighing scales displays and stopping the operation manually once the correct weight has been reached.

### TECHNICAL FEATURES

Model	FCD22B	FCD22A
Catalogue code	MCSE025	MCSE025-1
Cylinder or extinguisher filling outlets	2	1
Maximum operating pressure (bar)	100	100
Voltage/Frequency (VAC/Hz)	400/50	400/50
Overall dimensions (lxwxh) (mm)	600x600x1700	600x600x1700
Weight (Kg)	60	60

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## COMPONENTS AND DEVICES

- > Brass alloy manifold
- > Safety valve on the inlet and back to tank lines
- > Filling pressure control gauge
- > High working pressure switch
- > Filling and by-pass valves with manual operation control



## STANDARD EQUIPMENT

- > Painted steel support prepared for fixing on the floor
- > Manual for use and maintenance

## OPTIONAL ACCESSORIES UPON REQUEST

- > PTFE filling hoses with stainless steel AISI 304 braid, 1400 mm long
- > Knurled Brass 58 cylinder connections
- > Stainless steel cylinder filling connections with handgrip
- > Manual control station for bundle filling
- > Pt100 probe for temperature and pump cooling control
- > Electric control panel for pump operations: single speed, double speed and flow-rate variator models

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Easy, safe, modular

*NOTE: The same station can be set for N<sub>2</sub>O or similar liquified or refrigerated gases*

