

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

## FCD22 series

A cost-effective and easy-to-use solution to fill CO<sub>2</sub> cylinders controlling the weight



Manually controlled, the FCD22 unit allows to fill cylinders and extinguishers with CO<sub>2</sub> transferred from a 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.

At the filling stations managed by the FCD22 unit, a single operator is enough to properly achieve the filling operations. In fact, he will be able to fill the cylinders by checking the weighing scales displays and stopping the operation manually once the correct weight has been reached.

### TECHNICAL SPECIFICATIONS

MODEL	FCD22B	FCD22A
CATALOGUE CODE	MCSE025	MCSE025-1
CYLINDERS / EXTINGUISHERS FILLING OUTLES	2	1
MAXIMUM OPERATING PRESSURE (bar)	100	100
VOLTAGE / FREQUENCY (VAC/Hz)	400/50	400/50
POWER (kW)	1,5	1,5
OVERALL DIMENSIONS (LxIxh) (mm)	600x600x1700	600x600x1700
WEIGHT (kg)	60	60

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## COMPONENTS AND DEVICES:

- > Manifold in brass alloy
- > Safety valves on the inlet and back to tank lines
- > Pressure gauge for checking the filling pressure
- > Pressure switch for max service pressure stop
- > Filling and by-pass valves with manual operation control

## STANDARD FITTINGS:

- > Painted steel support predisposed to be fixed on the floor
- > Operating and maintenance manual

## ACCESSORIES AVAILABLE ON REQUEST:

- > PTFE filling hoses, AISI 304 stainless steel braided, 1400 mm – length
- > Knurled brass 58 cylinder connections
- > Stainless steel cylinder filling connections with handgrip
- > Manual control station for bundle filling
- > Pt100 for checking the temperature for controlling pump cooling
- > Electric control panel for pump operations: single speed, double speed and flow-rate variator models.

> PER MAGGIORI INFORMAZIONI:  
> FOR FURTHER INFORMATION CONTACT:  
> POUR INFORMATIONS CONTACTER:

DAMOTEK S.r.l.

Via Avv. Giovanni Agnelli, 10 12033 MORETTA (CN) ITALY  
Tel: +39 0172 911235  
Fax: +39 0172 911322

[www.damotek.com](http://www.damotek.com)  
[info@damotek.com](mailto:info@damotek.com)

