

CO₂ transfer and filling units

100/D3 series

Suitable for filling with CO₂
internal and external cartridges,
fire extinguishers and cylinders

Applications

The 100/D3E unit allows the liquid CO₂ to be transferred from standard cylinders to internal and external cartridges and portable fire extinguishers. A version (model 100/D3 TH) equipped with a dual speed electric motor, or another version equipped with a variable speed electric motor (model 100/D3 THR) are available to better fulfil your specific requirements.

When integrated with an extra control scale (not included in the standard equipment), the 100/D3 TH and the 100/D3 THR can be used to fill cylinders with capacity exceeding the one of the portable fire extinguishers.

A special model is also available to fill life-raft inflation cylinders with Nitrogen + CO₂. (1015/MIX)

Advantages

The 100/D3 series includes complete filling / weighing stations for a wide range of CO₂ cartridges and portable fire extinguishers. The control scale is one of the most important parts of this range of items, featuring high precision, reliability and ease of use.

MODEL	100/D3 SINGLE PHASE	100/D3 THREE-PHASE	100/D3 TH SINGLE PHASE	100/D3 TH THREE-PHASE	100/D3 THR SINGLE PHASE	100/D3 THR THREE-PHASE
CATALOGUE ITEM	MCBE210-U-LM	MCBE210-A-LM	MCBE215-U-LM	MCBE215-A-LM	MCBE220-U-LM	MCBE220-A-LM
FLOW-RATE (kg/h)	150		150 / 300		from 60 to 360 adjustable	
VOLTAGE/FREQ. (Vac/Hz)	230/50	400/50	230/50	400/50	230/50	400/50
POWER (kW)	1,5		1,5		1,5	
SCALE TECHNICAL SPECIFICATIONS						
DIMENSIONS (LxIhx) (mm)	950x550x1150		950x550x1150		950x550x1150	
CAPACITY (kg)	25		25		25	
DIVISION (g)	2		2		2	
WEIGHT (kg)	130		130		130	

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Components and devices

- > Liquid CO₂ volumetric pump with:
 - three ceramic pistons
 - drive by belt and pulleys
 - brass head
 - stainless steel valves
 - cylinder pressure relief valve
 - control gauge and maximum pressure switch
- > Integrated electronic scale with:
 - automatic stop at required filling weight
 - digital display
 - max load 25 kg, accuracy 2 grams
- > Clamping device complete of heads and adapters for the most common internal cartridges
- > Filling head for external CO₂ cylinder / cartridge
- > Filling head with clamp for portable fire extinguisher
- > Electric panel board with 24V, push buttons and lamps

Standard equipment

DESCRIPTION	CODE
PTFE inlet hose AISI 304 stainless steel braided, length 2000 mm with cylinder connector	MCB/MAD01
PTFE outlet hose AISI 304 stainless steel braided, length 1700 mm with cylinder connector	MCB/MAN02
Set of adapters and heads to refill internal cartridges	On request
User manual	

Optional accessories on demand

DESCRIPTION	
Filling head for external cylinders / cartridges with handwheel valve	ACB/AVB10
Filling head with VIF clamp for portable fire extinguishers	ACB/AMR10
Adapters and heads to refill special models of internal and external cartridges	
Extra electronic control scale to be positioned on the floor	
Tool box (empty)	370/052/010
Manifold to connect 2 source cylinders	RGFN200
Manifold to connect 3 source cylinders	RGFN205
Manifold to connect 4 source cylinders	RGFN210
Rack to hold in safety 2 source cylinders	RGFN300
Rack to hold in safety 3 source cylinders	RGFN305
Rack to hold in safety 4 source cylinders	RGFN310
Refrigerator cell to maintain n° 1 source cylinders at a controlled temperature	MCBE101
Front protection shield	ACBE002

> PER MAGGIORI INFORMAZIONI:
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