

CO₂ transfer and filling units

100/D3 SODA series

For filling cartridges and small cylinders for water gasification.



Description

The 100/D3 SODA series allows to transfer the CO₂ from standard cylinders to small cylinders used for water gasification, or to cartridges and cylinders up to 5 kg.

With the 100/D3 SODA TH version, equipped with dual-speed motor, it is possible to fill cylinders with capacities between 5 and 12 kgs, with the help of an additional scale (not included in the standard equipment).

Advantages

The 100/D3 SODA series includes complete filling / weighing stations for a wide range of cylinders used for water gasification. One of the most important features of this equipment is the integrated control scale, which is highly precise, trustable and easy-to-use.

MODEL	100/D3 SODA SINGLE PHASE	100/D3 SODA THREE-PHASE	100/D3 SODA TH THREE-PHASE
FLOW-RATE (kg/h)	~ 180		180 / 360
VOLTAGE/FREQ. (Vac/Hz)	230/50	400/50	400/50
POWER (kW)	1,5		1,5
DIMENSIONS (LxIxh) (mm)	950x550x1150		950x550x1150
SCALE FLOW-RATE (kg)	25		25
DIVISION (g)	2		2
WEIGHT (kg)	130		130
CODE	MCBE250-U-LM MCBE250-A-LM		MCBE255-A-LM

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Components and devices

- > Liquid CO₂ volumetric pump with:
 - Three ceramic pistons
 - Belt and pulleys driven
 - 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 g.
- > Clamping device for "SODA" type cylinders equipped with quick coupling
- > 24V electrical panel board



Filling head with automatic locking SPK Quick



Standard equipment:

DESCRIPTION	CODE
PTFE inlet hose AISI 304 stainless steel, length 2.000 mm with source cylinder connector	MCB/MAD01
PTFE purge hose AISI 304 stainless steel braided, length 1.700 mm	MCB/MAN02
Use and maintenance manual	

Options on request:

DESCRIPTION	MODEL
Filling head with automatic locking SPK Quick	ACBE030/002
Adapter with manual clamp for filling cylinders on integrated scale - SPK Quick	ACB/AMR15
Adapter with manual clamp for filling cylinders on integrated scale	ACB/AMR11
Extra electronic scale to be positioned on the floor	
Manual vice for scale installation on scale	VIF/BIL
Manifold to connect 2 source cylinders C2BB	RGFN200
Manifold to connect 3 source cylinders C3BB	RGFN205
Manifold to connect 4 source cylinders C4BB	RGFN210
Rack for holding 2 source cylinders R2BB	RGFN300
Rack for holding 3 source cylinders R3BB	RGFN305
Rack for holding 4 source cylinders R4BB	RGFN310
Refrigerator cell to maintain n°1 source cylinders at controlled temperature	MCBE101
Adapters on request	

> PER MAGGIORI INFORMAZIONI:
> FOR FURTHER INFORMATION CONTACT:
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