

CO₂ transfer and filling units

99/D3 SODA series

Suitable for filling cartridges and small cylinders for water gasification



Description

The 99/D3 SODA units allow to transfer CO₂ from standard cylinders to small cylinders used for home-made gasification, or to cartridges and cylinders up to 4 kg.

With 99/D3 SODA-ETH model equipped with dual-speed motor, it is possible to fill cylinders with a capacity exceeding 4 kg. This specific model owns an additional scale not included in the standard supply.

Other models are suitable to be connected to a CO₂ cryogenic storage tank.

Advantages

The 99D3 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 control scale, which is highly precise, trustable and easy-to-use.

MODEL	99D3 SODA SINGLE PHASE	99D3 SODA THREE-PHASE	99D3 SODA-ETH 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 (Lxhx) (mm)	950x550x1150		950x550x1150
SCALE FLOW-RATE (kg)	25		25
DIVISION (g)	2		2
WEIGHT (kg)	130		130

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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



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/MAD01
Quick coupling adapter	
Use and maintenance manual	

Options on request:

DESCRIPTION	MODEL
Filling head with clamp for cylinders > 1 kg.	
Extra electronic scale to be positioned on the floor	ETW100
Manual vice for scale installation on ETW100	VIF/BIL
Manifold to connect 2 source cylinders	C2BB
Rack to safely hold 2 source cylinders	R2BB
Refrigerator cell to maintain n°2 source cylinders at controlled temperature	99D COOL 2

> PER MAGGIORI INFORMAZIONI:
FOR FURTHER INFORMATION CONTACT:
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BULLETIN N° VE/99D3 SODA-R1.12-