

CO₂ + Nitrogen filling unit

1015/MIX model

For filling the cylinders inflating the life-rafts



Description

Two main models are available, the 1015/MIX TH and the 1015/MIX 8010.

They are both equipped with an electronic scale, and a double speed motor.

The electronic scale enables to check the cylinder filling more effectively and improves weighing and setting operations. It can be built-in with 30 kg capacity and 2 g. accuracy, or external as 80 kg / 10 g. Moreover, you can have the two on the same unit.

The double speed pump allows to adapt the speed of the CO₂ pump to the type of cylinder to be filled (slow pumping for small capacity cylinders, high pumping for high-capacity cylinders).

Applications

This unit allows to fill the cylinders used to inflate the Life-rafts with a mixture of Nitrogen + CO₂. Nitrogen is filled directly by pressure difference from the standard cylinders available on the market.

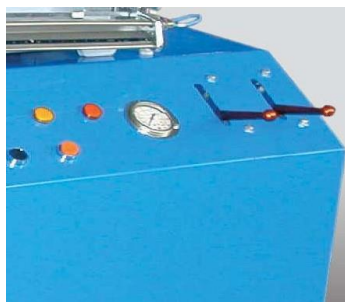
CO₂ is filled by a high-pressure transfer pump even from standard cylinders available on the market.

The special design of this system allows filling the cylinders quickly and accurately, mainly thanks to the automatic pump stop which stops the system once the preset required weight has been reached.

Components and devices

- > Positive-displacement pump with:
 - three ceramic pistons
 - brass head
 - stainless steel valves
 - piston type safety valve
 - control gauge and maximum service pressure switch
- > Electronic scale with programmable automatic pump stop device when the weight is reached
- > Electronic scale built-in version (30 kg. load) or separate version (80 Kg. Load) with:
 - automatic stop filling device
 - digital display
- > Option: two scales on same unit
- > Electrical panel board with 24V control

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Standard equipment

- > PTFE inlet hoses AISI 304 stainless steel braided, length 2000 mm complete with cylinder connector
- > PTFE filling hose AISI 304 stainless steel braided, length 1700 mm complete with cylinder connector
- > User manual



Detail of the scale display

ACCESSORIES ON REQUEST

DESCRIPTION	MODEL
Filling control scale (supplementary for floor installation)	BE80/10FP600
Two inlet manifold for source cylinder connection	C2BB
Three inlet manifold for source cylinder connection	C3BB
Two place cylinder rack for source cylinder fastening	R2BB
Three place cylinder rack for source cylinder fastening	R3BB

TECHNICAL SPECIFICATIONS

MODEL	1015/MIX TH	1015/MIX/8010	1015/MIX/TH/3002-8010
CODE	MMBE210-A-LM	MMBE215-A-LM	MMBE220-A-LM
CAPACITY CO ₂ (kg/h)	180/360	180/360	180/360
SUPPLY (V/Hz)	400/50 3-PHASE	400/50 3-PHASE	400/50 3-PHASE
MOTOR POWER (kW)	1,5	1,5	1,5
SCALE (type/capacity kg/division g)	ELECTR. / 30kg/2g	ELECTR./80kg/10g	ELECTR. / 30kg/2g + ELECTR. /80kg/10g
WEIGHT (Kg)	120	130	140

*On request, versions with different voltage / frequency are available.
On request, models with different control scales and performance are available.*

> 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
info@damotek.com

