

HE-3-001-4-R002A

HE gas refilling- and evacuating device

Mobile as cylinder cart with wire-braided hoses

For evacuation of air and safe refilling of helium into gas compartments by overpressure

This device covers two important functions: The integrated vacuum pump allows the evacuation of air down to < 1 mbar so that no air/gas mixture is produced during the subsequent filling process. The use of gastight and selfclosing DILO couplings guarantees handling without gas loss.



The actual product may differ slightly from the image.

Standard version

- vacuum pump for evacuation of air (16 m³/h [at 50 Hz]; 19m³/h [at 60 Hz]), final vacuum < 1 mbar
- pressure reducer for HE
- HE cylinder connection W 21,8 x 1/14"
- gauge 0 to 1,200 mbar
- primary gauge NG63, class 1.6 / 0 - 315 bar
- secondary gauge NG100, class 1.0 / 0 - 4 bar
- safety valve 4.0 bar rel.
- indication units in bar, ps, kPa
- ball valve DN8 with hand wheel
- 6 m long wire-braided hose DN8
- DILO couplings DN8 and DN20 M24x1.5 - M50x2
- 3 m long electrical connecting cable
- solid tyre wheels Ø 250 mm
- paint: blue-anthracite

Special features

- Gas type: HE
- Filling of gas: 0 - 4 bar
- Evacuation of air: < 1 mbar
- DILO couplings: DN8/DN20
- Operating voltage: 220 - 240 V
- Frequency: 50 - 60 Hz
- Operation: manual

Advantages & functions

- frame
- hose reel
- couplings can be exchanged without any gas loss

Technical data

Dimensions (W x H x D)	570 x 1360 x 540 mm
Weight	63 kg
Operating voltage	220 - 240 V
Frequency	50 - 60 Hz AC
Protection class	IP 65

Optional accessories

6-1053-R001/20M	Electrical connecting cable 3 x 1.5 AWG 15 (available lengths 5 - 50 m)
6-1048-R111	Annual maintenance package for vacuum pump

Packaging

3-262-R001-C	Packing for 3-001-R001 / 3-001-R002
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