3-001-4-R002 / R022
Evacuating and refilling device

For evacuation of air and refilling of gas compartments from SF₆ gas bottles

3-001-4-R002
Evacuating and refilling device
Mobile as cylinder cart

3-001-4-R022
Evacuating and refilling device with electronic weighing scales 0 - 150 kg
Mobile as cylinder cart

In practice the device covers two important functions. The integrated vacuum pump is the core component of the device. This vacuum pump evacuates the air down to < 1 mbar so that no air/gas mixture is produced during the subsequent filling process. The well proven DILO coupling principle ensures safe handling without emission.

Using the 3-001-4-R022 version, the filling weight can be registered comfortably by means of a weighing scale.

- Stable frame
- Accuracy of the weighing scales ±50 g, 0.05 kg increments
- No emissions by self-closing couplings
- Available as accessories for the world’s most commonly used bottle connections
- Hose reel
- Couplings can be exchanged without any gas loss
Evacuating and refilling device

### Technical data 3-001-4-R002:
- **Dimensions:** L 540 mm, W 570 mm, H 1,360 mm
- **Weight:** 55 kg
- **Operating voltage:** 220 - 240 V / 50 - 60 Hz alternating current

### Technical data 3-001-4-R022:
- **Dimensions:** L 720 mm, W 570 mm, H 1,510 mm
- **Weight:** 82 kg
- **Operating voltage:** 220 - 240 V / 50 - 60 Hz alternating current

### Standard equipment for both versions:
- 16 m³/h vacuum pump for air, final vacuum < 1 mbar
- Ball valve with hand wheel
- Gauge 0 to -1,200 mbar
- Two 6 m long wire-braided hoses DN8
- DILO coupling tongue parts DN8 and DN20
- SF₆ bottle connection W 21.8 x 1/14"
- Pressure reducer for SF₆ (0 up to 10 bar)
- Paint: orange (RAL 2004)
- 2 operating manuals in German, English or French

### Optional equipment (mounted) at an extra charge:
- Additional price for electrical special voltage 100 V / 50 - 60 Hz or 110 - 120 V / 60 Hz
  - **Price:** 6-0005-R030
- Additional price for electrical special voltage 127 V / 50 Hz or 200 V / 50 - 60 Hz
  - **Price:** 6-0005-R138
- Special pressure indication kPa
  - **Price:** 6-0005-R163

### Optional accessories at an extra charge:
- SF₆ bottle connection with 0.96” Whitworth left-handed thread
  - **Price:** 3-334-R001 P
- SF₆ bottle connection with G 5/8 thread
  - **Price:** 3-315-R001 P
- English SF₆ bottle connection with G 5/8 thread
  - **Price:** 3-245-R003 P
- Additional operating manual on CD-ROM
  - **Price:** 6-0004-R213

### Spare parts kit for both versions:
- Maintenance package for vacuum pump, dry and particle filter included
  - **Price:** 6-1048-R111

### Packing:
- Packing for 3-001-4-R002
  - **Price:** 3-262-R001-C
- Packing for 3-001-4-R022
  - **Price:** 3-262-R006-C