

3-001-R021

SF₆ gas refilling device with digital weighing scales 0 - 120 kg

Mobile as cylinder cart with wire-braided hose

For safe refilling of SF₆ gas into gas compartments by overpressure

Refilling device as cylinder cart for comfortable on-board carrying of a gas cylinder. The primary gauge of the pressure reducer displays the cylinder pressure in bar, psi and kPa. The secondary gauge indicates the desired filling pressure to be set easily by means of the handle.

The cylinder pressure can be reduced to the desired filling pressure by the integrated pressure reducer. The use of gastight and selfclosing DILO couplings guarantees emission-free gas handling during the refilling process.

The weight of the gas to be refilled can be conveniently registered by means of the integrated weighing scales. The weight is indicated on the illuminated display which switches off automatically if the scales are not used for a longer period of time. Thanks to the tare function, the gas can be precisely quantified.



Standard version

- pressure reducer for SF₆
- SF₆ cylinder connection W 21.8 x 1/14"
- primary gauge NG63, class 1.6, 0 - 60 bar
- secondary gauge NG100, class 1.0, 0 - 10 bar
- indication units in bar, ps, kPa
- ball valve DN8 with hand wheel
- 6 m long wire-braided hose DN8
- DILO couplings DN8 and DN20
- digital weighing scales for SF₆ cylinders, 0 - 120 kg with tare function, accuracy ± 0.02 %
- solid tyre wheels
- paint: orange

Special features

- Filling of gas: 0 - 10 bar
- DIL0 couplings: DN8/DN20
- Digital weighing scales: 0 - 120 kg
- Operation: manual

Advantages & functions

- frame
- hose reel
- integrated serial interface for data exchange and monitoring
- couplings can be exchanged without any gas loss
- digital display with internal battery (IP65)
- weight indication reversible from kg to lbs
- most common global cylinder connections available as accessories

Technical data

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| Weight | 30 kg |
| Operating temperature | 0 to +45 °C |
| Dimensions (W x H x D) | 570 x 1360 x 720 mm |
| Power supply | Integrated rechargeable battery (12 V / 2.5 Ah) with charger / running time in continuous operation up to 20 hours |
| Ambient temperature | 0 to +45 °C |
| Storage temperature | -20 to +60 °C |
| Protection class | IP65 |
| Weighing range | 0 - 120 kg with tare function / accuracy: ± 0.02 % |

Optional accessories

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| 3-334-R002 P | American SF ₆ cylinder connection with 0.96" Whitworth left-handed thread |
| 3-643-R002 P | Chinese SF ₆ cylinder connection with G 5/8 thread |
| 3-245-R004 P | English SF ₆ cylinder connection with G 5/8 thread |
| 05-1602-R304 | 4 m long cable with M12 plug connectors for serial data exchange |

Packaging

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| 3-262-R006-C | Packing for 3-001-R021, 3-001-4-R022 / R122 |
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