

3-001-R021

SF₆ gas refilling device

For refilling switchgear with SF₆ gas by overpressure

3-001-R021

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

Mobile as cylinder cart with **wire-braided hoses**

Refilling device as cylinder cart for comfortable on board carrying of a gas bottle. The primary gauge of the pressure reducer displays the bottle pressure in bar, psi and kPa. The secondary gauge indicates the desired filling pressure to be set easily by means of the handle. The bottle pressure can be reduced to the desired filling pressure by the integrated pressure reducer. Emissions during the refilling process are avoided by self-closing couplings.

The weight of the gas to be refilled can be registered easily by means of integrated weighing scales. The weight is indicated on the illuminated display which switches off automatically if the scales are not used for a certain time. Thanks to the tare function high precision quantification of gas inputs and outputs is possible.



- Stable frame
- Accuracy of the weighing scales ± 20 g, 10 g increments
- Integrated serial interface for data exchange or monitoring
- 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



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Technical data:

Dimensions: L 720 mm, W 570 mm, H 1,360 mm
Weight: 40 kg
Weighing range: 0 - 120 kg with tare function
Digital display with internal battery (IP65)
Integrated serial interface for data exchange or monitoring
Weight indication reversible from kg to lbs
Power supply: internal battery (12V / 2.5 Ah) with battery charger / running time in continuous operation up to 20 hours
Protection class: IP65
Operating temperature: -10 to +40 °C

Standard equipment:

SF ₆ bottle connection W 21.8 x 1/14"
Ball valve with hand wheel
6 m long hose DN8
Pressure reducer for SF ₆ (0 up to 10 bar), indication in bar / psi / kPa
DILO coupling tongue parts DN8 and DN20
Paint: orange (RAL 2004)
2 operating manuals in 3 languages (German / English / French)

Optional accessories at an extra charge:

SF ₆ bottle connection with 0.96" Whitworth left-handed thread	3-334-R001 P
SF ₆ bottle connection with G 5/8 thread	3-315-R001 P
English SF ₆ bottle connection with G 5/8 thread	3-245-R003 P
4 m long cable with M12 plug connectors for serial data exchange	05-1602-R304
Additional operating manual on CD-ROM	6-0004-R213

Packing:

Packing for 3-001-R021	3-262-R006-C
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