

PICCOLO SERIES



For SF₆ gas handling on switchgear with reduced filling quantities

L030R02

SF₆ gas service cart

The L030R02 model of the Piccolo series has been specially designed for modern switchgear with small gas compartments. Due to its compact construction this device fits conveniently onto a euro pallet for transport and is easily manoeuvrable even in the very narrow passage ways of gas insulated switchgear.

The device is operated via a 3.5" colour touch panel where icons are clearly displayed and allow a quick overview of the entire process.

The L030R02 maintenance device is equipped with a compact but high capacity compressor which enables SF₆ reclaiming up to < 1 mbar – a value outperforming current IEC regulations by far. A smart device for "smart grids".



L030R02 model with TÜV SÜD confirmed performance data



Optional remote control via mobile devices

- Device for liquid storage of SF₆ gas
- SF₆ gas recovery down to < 1 mbar
- Semi-automatic control and 3.5" colour touch panel
- Optional remote control via mobile devices
- Reversing switch for direction of rotation
- Digital weighing scales for SF₆ bottles
- Residual gas recovery down to 1 mbar during filter change
- Reduction to transport pressure as integrated special function


PICCOLO SERIES
**L030R02****SF₆ gas service cart****Technical Data:**

Dimensions: L 1,200 mm, W 800 mm, H 1,170 mm
Weight: 300 kg

Standard equipment:

B100R40 oilfree DILLO compressor (3.2 m ³ /h, [at 50 Hz], 50 bar; 3.8 m ³ /h [at 60 Hz], 50 bar)
Oilfree suction pump for recovery of SF ₆ (3 m ³ /h [at 50 Hz]; 3,6 m ³ /h [at 60 Hz], final vacuum < 1 mbar)
Vacuum pump for evacuation of air (25 m ³ /h [at 50 Hz]; 30 m ³ /h [at 60 Hz], final vacuum < 1 mbar)
Operation and indication of important process parameter via 3.5" colour touch panel with protective cover
Dry filter (water absorption capacity: 60 g at a dew point of -36 °C)
Particle filter
Indication units in bar / mbar, kPa or psi / torr to be selected on the operating panel
Fork lift provisions
Digital weighing scales for SF ₆ bottles (with automatic switching off), 0 - 120 kg with tare function, accuracy ± 20 g
3 m long storage connecting hose DN8 with coupling tongue part DN20
Frame with crane eyelets
Tool box
Fixing and steerable rollers
Different wrenches
Sound pressure level < 70dB(A)
Paint: orange (RAL 2004)
Operating manual

Operating voltage:

208 - 240 V / 60 Hz 3-phase current	6-030SP-R011
380 - 440 V / 50 Hz or 380 - 480 V / 60 Hz 3-phase current	6-030SP-R012

Optional equipment (mounted) at an extra charge:

WiFi operation via mobile devices such as smartphone, tablet, iPad or laptop	on request
Dew point control for dry filter	6-030TF-R011
Tarpaulin	6-030KA-R001

Optional accessories at an extra charge:

5 m long rubber hose DN20 with coupling tongue part DN20 on both ends	6-1017-R050
10 m long rubber hose DN20 with coupling tongue part DN20 on both ends	6-1017-R100
5 m long wire braided hose DN20 with coupling tongue part DN20 on both ends PN 40 bar	6-1024-R050
10 m long wire braided hose DN20 with coupling tongue part DN20 on both ends PN 40 bar	6-1024-R100
5 m long wire braided hose DN20 with coupling tongue part DN20 on both ends PN 64 bar	6-1365-R050
10 m long wire braided hose DN20 with coupling tongue part DN20 on both ends PN 64 bar	6-1365-R100
Electrical connecting cable 5 x 2.5 AWG 13 for 200 - 600 V (available lengths 5 - 30 m)	6-1053-R002
Operating manual	6-0004-R213




PICCOLO SERIES


L030R02

SF₆ gas service cart**Spare parts kits:**

Annual maintenance package for SF ₆ dry filter, particle filter and vacuum pump (25 m ³ /h)	6-1048-R302
Spare parts kit for compressor	6-1081-R020
Spare part kit (SF ₆ dry and particle filter)	6-1101-R111

Packing:

Packing for L030R02	3-751-R013-C
---------------------	--------------