

B160R92

Micro Series

**Portable service unit
for the handling of small SF₆ gas quantities**

B160R92S16:

Operating voltage: 220 – 240 V/50Hz

B160R92S15:

Operating voltage: 100 – 127 V/50-60 Hz and 220 V/60 Hz

This compact service unit has been specially designed for very small gas quantities and is perfectly suited for applications such as SF₆ gas handling on medical devices, electron microscopes or medium voltage components.

The device includes all functions required for professional and emission-free SF₆ gas handling such as: gas recovery down to < 5 mbar, purification during the recovery and filling process, gaseous storage in an internal vessel or external pressure tank, evacuation of air to < 5 mbar with automatic switch-off as well as automatic filling of the gas compartment until reaching the desired final pressure.

All functions run fully automated and can be easily set on the coloured touch panel.



The B160R92 unit is adapted to the requirements of small gas compartments. The photo shows the device during service works on a medical radiation unit.

- Gaseous storage of SF₆
- SF₆ recovery down to 5 mbar
- Internal storage tank (capacity: 2 l)
- Menu navigation via 5.7" coloured touch panel
- Pressure and vacuum units can be changed
- Comfortable trolley version

B160R92

Portable service unit

Technical data:

Dimensions: L 625 mm, W 500 mm, H 297 mm
Weight: 30 kg

Standard equipment:

B100R20 oilfree compressor (0.9 m ³ /h, final pressure p _e 9 bar)
Small diaphragm compressor (1.2 m ³ /h, final vacuum 5 mbar)
Menu navigation via 5.7" coloured touch screen
Reversible units for pressure (bar abs./bar rel./psig/kPa/Mpa) and vacuum (mbar/torr)
Internal 2 l storage tank, max. p _e 9 bar (18 NI or 0.1 kg SF ₆)
Dry and Particle filters
Filling pressure reducer
Self-closing input and output miniature coupling
DILLO coupling DN8 with hose connection
2 m long connecting hose with self-closing miniature coupling
Transport case (trolley)
2 operating manuals in German or English

Optional accessories at an extra charge:

2 m long storage connecting hose with self-closing miniature couplings	6-1116-R020
DILLO coupling DN20 with hose connection	6-1161-R012
SF ₆ bottle connection with W 21.8 x 1/14" thread	6-1161-R007
American SF ₆ bottle connection with 0.96" Whitworth left thread	6-1161-R008
English SF ₆ bottle connection with G 5/8 thread	6-1161-R009
1" DIN 477 no. 8 bottle connection for reuse gas bottles	6-1161-R010
Measuring gas collecting bag (volume: 52 litres)	B151R95
Storage bottle (volume: 10 l)	K079R01
Storage bottle (volume: 20 l)	K079R02
Additional operating manuals on CD-ROM	6-0004-R213

Customer-specific adapters for connecting service carts / measuring devices to gas compartments on request.

Spare part kit:

Exchange compressor for B100R20	B100R20-61
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Packing:

Packing for B160R92 service cart	3-775-R024-C
Packing for B151R95 measuring gas collecting bag (volume: 52 litres)	3-948-R007
Packing for storage bottle (volume: 10 l or 20 l)	3-763-R007-C