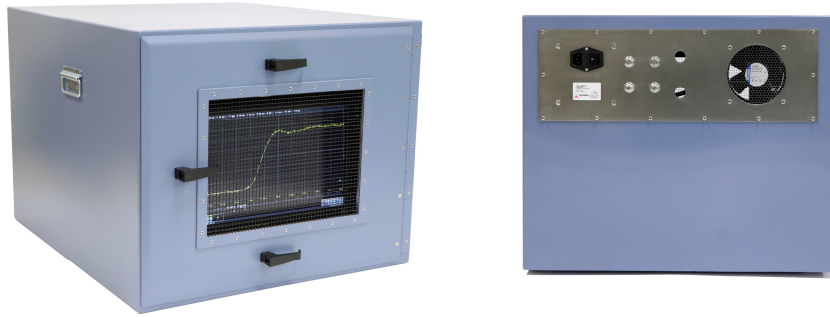


Shielded box

The measurement of electrical signals in disturbed electromagnetic environments such as high voltage power plants, EMC labs, RF transmitter stations, etc, is not easy. In such cases it is required to protect the measuring equipment by a shielded enclosure.

This shielded box is ventilated and specially designed for the protection of an oscilloscope or of similar equipment. The front door shielded window allows an easy reading of measuring equipment displays.



SPECIFICATIONS

Type	SB3G
Minimum shielding attenuation	60 dB @ $f \leq 100$ MHz 30 dB @ $100 \text{ MHz} < f \leq 1 \text{ GHz}$ 20 dB @ $1 \text{ GHz} < f \leq 3 \text{ GHz}$
Power input	230 VAC filtered, 10 A fuse ($\varnothing 5 \times 20$ mm)
Electrical interfaces (rear panel)	4 x Type-N 50 ohm 2 x openings $\varnothing 21$ mm (for optical fibers) 1 x RJ45 (Ethernet) 1 x USB Type-A
Temperature regulation	cooling fan with thermostat, on rear panel
Front door opening	57 x 48 cm
Front door window	31 x 25 cm covered by a 7 mm metallic grid (no window pane)
Box dimensions (W x H x D)	61 x 52 x 73 cm
Material	painted aluminium
Weight	19 kg

Picture of the rear panel



Ordering information

TYPE	DESCRIPTION
SB3G	Shielded box, DC - 3 GHz, 61 x 52 x 73 cm (W x H x D), power filter 10A / 230V, with cooling fan, connectors : 4 x Type-N, 2 x openings $\varnothing 21$ mm, 1 x RJ45 and 1 x USB Type-A