

ESD high-resistance meter set, digital display, MegaGuard ProPlus



The MegaGuard ProPlus is a portable high-ohmmeter including temperature and humidity measurement, consisting of a digital high-ohmmeter, two probes, a handle for probe (25 cm), two shielded connection cables, carrying strap calibration certificate and a conductive carrying case with dissipative pink foam. The device is designed to measure resistances in a range of 10^4 - 10^{12} Ohm between two points as well as leakage and surface resistances according to IEC61340-5-1. The values are displayed on a 68 x 51 mm LCD display with a resolution of 128 x 64 pixels. A maximum of about 1500 measurements at 500 volts can be carried out. The MegaGuard ProPlus complies with the EC Directives EMV - 2014/30/EU and meets all technical requirements according to DIN EN 61340-5-1, DIN EN 60204-1, DIN EN 61000-6-1 and DIN EN 61000-6-3.

- Multi-voltage high impedance meter
- portable
- allows to measure the resistance between two points, the leakage resistance and the

surface resistance.

- about 1500 measurements possible at 500 V
- from -20° C to +60° C
- Internal memory with 100 measurements

item number	WL45918
model	MegaGuard ProPlus
manufacturer	SAFEGUARD
manufacturer item number	SG9265064
scope of supply	measuring instrument 2x shielded probes 2x shielded cables batteries conductive case ISO9000 Certificate of calibration
order unit	1 set
content unit	1 set
standards	IEC 61340-5-1
digital display	yes
humidity	1 to 95 % RH
display	Graphical LCD display: 128 x 64 pixels, 68 x 51 mm
range	10 V from 1 GΩ to 50 kΩ 100 V from 100 TΩ to 1 kΩ 250 V from 500 kΩ to 1 kΩ 500 V from 1 MΩ to 1 MΩ
resolution	0,1° C
measurement accuracy	10 V - ±5 % ±0.6 % per GΩ 100 V - ±5 % ±0.06 % per GΩ 250 V - ±5 % ±0.065 % per GΩ 500 V - ±5 % ±0.03 % per GΩ
internal memory	yes
ESD safe	yes