

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

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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

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|-------------------------------|--|
| <b>item number</b>            | <b>WL45918</b>   |
| model                         | MegaGuard ProPlus  |
| manufacturer                  | SAFEGUARD  |
| manufacturer item number      | SG9265064  |
| GPSR manufacturer information | Weidinger GmbH<br>Hertha-Sponer-Str. 1a<br>DE-82216 Gernlinden   |
| scope of supply               | measuring instrument<br>2x shielded probes<br>2x shielded cables<br>batteries<br>conductive case<br>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<br>100 V from 100 TΩ to 1 kΩ<br>250 V from 500 kΩ to 1 kΩ<br>500 V from 1 MΩ to 1 MΩ                           |
| resolution                    | 0,1° C   |
| measurement accuracy          | 10 V - ±5 % ±0.6 % per GΩ<br>100 V - ±5 % ±0.06 % per GΩ<br>250 V - ±5 % ±0.065 % per GΩ<br>500 V - ±5 % ±0.03 % per GΩ                |
| internal memory               | yes  |
| ESD safe                      | yes  |