

MegaGuard ProPlus

SG9265064 – Technical datasheet

The MegaGuard ProPlus multi-voltage high resistance meter is a portable, accurate, and versatile instrument designed to measure resistance between two points, surface to ground, and surface resistivity as defined in IEC61340-5-1.

Graphic liquid crystal display: 128 x 64 pixel, 68 x 51 mm

Measuring range:	10 V	from 1 kΩ to 50 GΩ
	100 V	from 100 kΩ to 1 TΩ
	250 V	from 500 kΩ to 1 TΩ
	500 V	from 1 MΩ to 1 TΩ

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



the value of the measure is always displayed with 3 significant figures

Accuracy of measuring voltage:	100 V ±5 % (R _{measure} > 300 KΩ)
	250V ±5 % (R _{measure} > 2 MΩ)
	500 V ±3 % (R _{measure} > 5 MΩ)

Humidity range: 1 to 95 % RH

Resolution: 0,1 %

Accuracy: ±2 % RF (@ 25° C, 10 % RF ~ 90 % RF)
±3 % RH (@25° C, 1 % RH ~ 10 %, 90 % RH ~ 95 %)

Temperature range: -20° C to +60° C

Resolution: 0,1° C

Accuracy: ±1° C

Batteries: 6x AA, 1,5 V IEC Typ LR6

Battery life: About 1500 measurements (15 seconds max) at 500V

Dimensions: 243 x 130 x 60 mm

Weight: 650 g

Probes and accessories:

- SG9265064: MegaGuard ProPlus complete kit including meter, 2 shielded probes, 2 shielded cables, batteries and case
- SG9265065: Shielded probe 63mm / 2,3Kg, with two 4mm sockets and one BNC socket
- SG9265070: Concentric ring probe, one BNC socket, three 4mm sockets
- SG9265047: Flat shielded probe, with two 4mm sockets