High Ohm Electrode

HOW 16

for measurement of surface resistance at planar or at shaped samples

The HOW 16 is a electrode arrangement to measure the resistance of surface layer according to EN, DIN und IEC.

The 65 gold-plated precision spring contacts enable good contact even on shaped surfaces.

The measuring surface formed by the contacts is approx. 16.5 cm².

The resulting electrode geometry factor F for calculating the surface resistivity is F = 7.33.

In connection with the measuring devices Milli-TO 3 and TO-3 precise measurements in the high ohm range are possible.

- 65 gold plated precision spring contacts
- measurement range 10^5 to 10^{12} Ohm at 100 V test voltage
- max. test voltage 500 V
- connectable to Milli-TO 3 and TO 3
- high ohm measuring cable HMK 4-1-4
- electrode form factor F = 7.33
- size:

outer ring:	diameter 50 mm (Middle)
inner ring:	diameter 20 mm (Middle)
electrode gap	15 mm

- minimum sample size 55 mm x 55 mm

HOW16 connection with Milli-TO 3

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