

High Ohm Guard Ring Electrode

FE 25-1

for measurement of volume and surface resistance according to standard ASTM D 257 and others



GP 14 optional

- ▶ high grade steel quality (V2A)
- ▶ measuring area diameter: 25 mm
- ▶ diameter of guard ring: 50 mm outside
38 mm inside
- ▶ resulting measuring gap: 6,5 mm
- ▶ effective measuring area for measurement of volume resistance: 7.79 cm²
- ▶ max. test voltage: 500 V
- ▶ recommended measuring range:

at 100 V test voltage	10 ⁵ to 10 ¹⁵ Ohm
at 500 V test voltage	10 ⁶ to 10 ¹⁵ Ohm
at 1 V test voltage	10 ³ to 10 ¹³ Ohm

Accessories:

base plate GP 14
High-Ohm Measuring cable set
Conductive elastomer
Conducting gel

The guard ring electrode FE 25-1 is suitable for versatile measuring of volume and surface resistance.

In connection with measuring instrument series **Milli-TO** precise measuring in the high ohm range are possible.

Because of the small dimension the FE 25-1 is suited for smaller specimen objects very well.



surface measurement with grounded baseplate GP 14 (optional) and Milli-TO 3 (optional)

