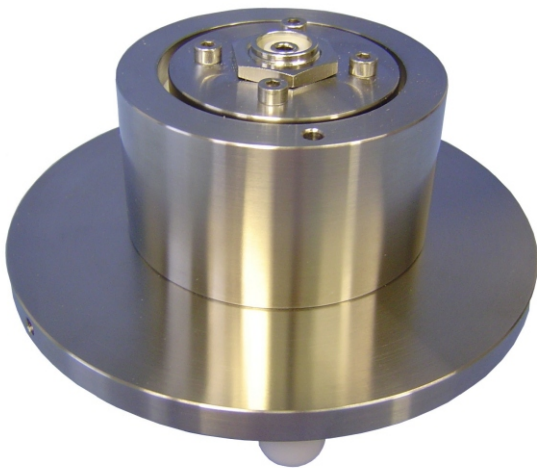


High Ohm Guard Ring Electrode

FE 50

for measurement of volume and surface resistance according to standard DIN IEC 60093, DIN IEC 62631, ISO 21178 and others



GP 14 optional

- ▶ high grade steel quality (V2A)
- ▶ measuring area diameter: 50 mm
- ▶ diameter of guard ring: 80 mm outside
60 mm inside
- ▶ resulting measuring gap: 5 mm
(surface resistance)
- ▶ resulting measuring gap: 1 mm
(volume resistance)
- ▶ effective circumference of the guarded electrode: 17,28 cm
- ▶ effective measuring area for measurement of volume resistance with volume ring: 20.43 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:

- baseplate GP 14
- Baseplate GP 25
- Volume ring
- High-Ohm Measuring cable set
- Conductive elastomer

The guard ring electrode FE 50 is suitable for various measuring of volume and surface resistance.

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

With the optional volume ring the measuring gap can be reduced to 1 mm for the measurement of the volume resistance.



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

