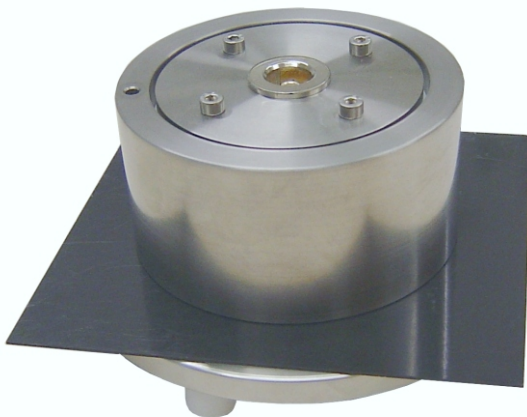


High Ohm Guard Ring Electrode

FE 76

for measurement of volume and surface resistance according to standard DIN EN IEC 62631-3-2 and ASTM D 257



GP 14 (optional)

The guard ring electrode FE 76 is suitable for versatile measurement of volume and surface resistance.

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

For quick and easy checking of the measurement accuracy, we recommend our high-ohm calibration box KB-FE76 in connection with our high-ohm calibration resistors.



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

- ▶ high grade steel quality (V2A)
- ▶ measuring area diameter: 76 mm
- ▶ diameter of guard ring: 100 mm outside
88 mm inside
- ▶ resulting measuring gap: 6 mm
- ▶ effective measuring area for measurement of volume resistance: 52.81 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
- Adapter volume ring (reduces the measuring gap to 2 mm for volume measurement)
- High resistance measuring cable set
- High-ohm calibration box, high-ohm calibration resistors
- Conductive elastomer
- Conductive gel

