

# High Ohm Guard Ring Electrode FE 50

for measurement of volume and surface resistance according to standard DIN IEC 60093 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
- ▶ effective circumference of the guarded electrode: 17,28 cm
- ▶ effective measuring area for measurement of volume resistance: 23,76 cm<sup>2</sup>
- ▶ max. test voltage: 500 V
- ▶ recommended measuring range:
 

at 100 V test voltage	10 <sup>5</sup> to 10 <sup>15</sup> Ohm
at 500 V test voltage	10 <sup>6</sup> to 10 <sup>15</sup> Ohm
at 1 V test voltage	10 <sup>3</sup> to 10 <sup>13</sup> 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 versatile measurement 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)

