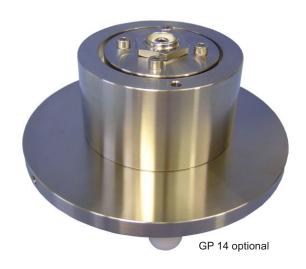


## High Ohm Guard Ring Electrode

## FE 50

for measurement of volume and surface resistance according to standard DIN IEC 60093 and others



▶ 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 cm²

▶ 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

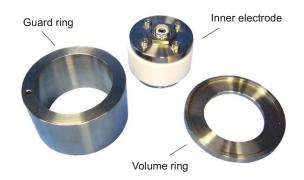
The guard ring electrode FE 50 is suitable for versatile measuring of volume and surface resistance.

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)



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