

Leak Electrode AE 30-DIN

for resistance measurement according to standard DIN EN 61340-2-3



The Leak Electrode AE 30-DIN was developed especially for the measuring of surface resistance at antistatic flat materials to the DIN EN 61340-2-3.

The electrode is suitable for the measuring of the volume resistance very well because of the resulting measuring gap of 13.25 mm between the measuring electrode and the protection ring. The measuring gap reduces the leak current.

The weight of the AE 30-DIN and the use of conductive elastomer at the measuring areas guarantees an optimal contacting of the specimen.

A precise measuring is possible in connection with the measuring instruments Milli-TO 3 und TO 3 in the high ohm area.

- ▶ high grade stell quality (V2A)
- ▶ measuring area with conductive elastomer
- ▶ measuring area diameter: 30,5 mm
- ▶ diameter of guard ring:
 - outside: 63,0 mm
 - inside: 57,0 mm
- ▶ weight: 2,5 kg
- ▶ BNC- and V_M -connector
- ▶ 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
- Insulation plate IP 14
- High-Ohm Measuring cable set



surface measurement with AE 30-DIN and grounded base plate GP 14 (optional) connected to Milli-TO 3