

# Leak Electrode AE 30-ANSI

for resistance measurement according to standard ANSI/ESD STM11.11



The Leak Electrode AE 30-ANSI was developed especially for the measuring of surface resistance at antistatic flat materials to the ANSI/ESD STM11.11.

The electrode is suitable for the measuring of the volume resistance very well because of the resulting measuring gap of 13.325 mm between the measuring electrode and the protection ring. The measuring gap reduces the leak current.

The weight of the AE 30-ANSI 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: 63,5 mm
  - inside: 57,15 mm
- ▶ weight: 2,27 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 and grounded base plate GP 14 (optional) connected to Milli-TO 3