

## High Ohm Measurement Electrode

# HOW 1

for measurement of surface resistance according to valid standards of DIN, EN, IEC and ASTM



Hand-operated measuring HOW 1 with Milli-TO 3 (optional)

- ▶ Hand-held surface electrode with 2 conductive elastomer stripes
- ▶ optimized for fast measurement of surfaces of objects, flat specimens, for example painted sampling plates, pads or plastic foils
- ▶ for the fast hand-operated overview measuring without Conductive Silver Lacquer
- ▶ no treatment of specimen surface through with Conductive Silver Lacquer
- ▶ suitable for resistance values over 1.000 Ohm at 1 Volt test voltage
- ▶ measuring length 100 mm
- ▶ measuring distance 10 mm
- ▶ optional guard ring for Leakage of surface offset currents
- ▶ can be connected to Milli-TO 3 and TO 3
- ▶ recommended measurement range:
  - at 100 V test voltage  $10^5$  to  $10^{13}$  Ohm
  - at 1 V test voltage  $10^3$  to  $10^{13}$  Ohm

**optional accessories:**

Base platte GP 14  
Base platte GP 15  
Base platte GP 25  
Guard ring  
High-Ohm Measuring cable set

The hand-held electrode HOW 1 was especially developed for the fast hand/operated measurement of resistance of surfaces of objects.

By the handy form of the electrode surfaces can independently be contacted by the position of the test optimally.

In connection with the measurement devices Milli-TO 3 or TO 3 accurate measurement in the high ohm range are possible.

By using of elastomer stripes the electrode is especially suitable for flat specimens, Folien, coated materials e.g. painted or powder coated metals .

The electrode completes with a bed-plate or a guard ring, is suitable for further applications allows further applications.



HOW 1 with rack



HOW 1 contact area