

Four-pole bar electrode

BPT 1

for measuring of the electric resistance of solid insulating materials according to the standard DIN EN 62631-3-3:2016 and additional of conductive materials according to the standard DIN IEC 60167



- ▶ Four-pole bar electrode with wobble contacts
- ▶ Arbor contact : 10 mm x 10 mm x 50 mm
- ▶ Distance between bar contacts: 25 ± 0,5 mm
- ▶ Contact material brass
- ▶ Wobble contacts with knurled nut for easy and safe positioning of the specimen
- ▶ can be used for measurements in high and low resistance ranges
- ▶ Measuring range low ohm with Milli-TO 3/MO 3: 100 E-3 Ohm (100 mΩ) with 10 μOhm resolution up to 180 E 3 Ohm (180 kΩ)
- ▶ Measuring range high ohm with Milli-TO 3/TO 3: 1 E 3 Ohm (1 kΩ) up to 1 E 12 Ohm (1 TΩ)

Optional accessories:

Lowohm-Measuring cable set 1 m, 4 x 4 mm laboratory plugs on both sides
Dynamometric screwdriver

The four-pole bar electrode BPT 1 was developed for the measuring of the electric insulating resistance of solid insulate materials according to the standard DIN EN 62631-3-3:2016.

In addition, the electrode also allows measurements of the volume resistivity of conductive materials (DIN IEC 60167) according to the four-terminal method.

The special constructive design of the electrode, in particular the design with wobble contacts, allow a simple and secure contacting of the test object.

The sample holder with source and sense connection sockets allows both bipolar and four-pole resistance measurements.

In connection with our measuring instruments Milli-TO 3, TO 3 and MO 3, precise measurements in the high and low ohm range are possible.



BPT 1 with Milli-TO 3 (optional)