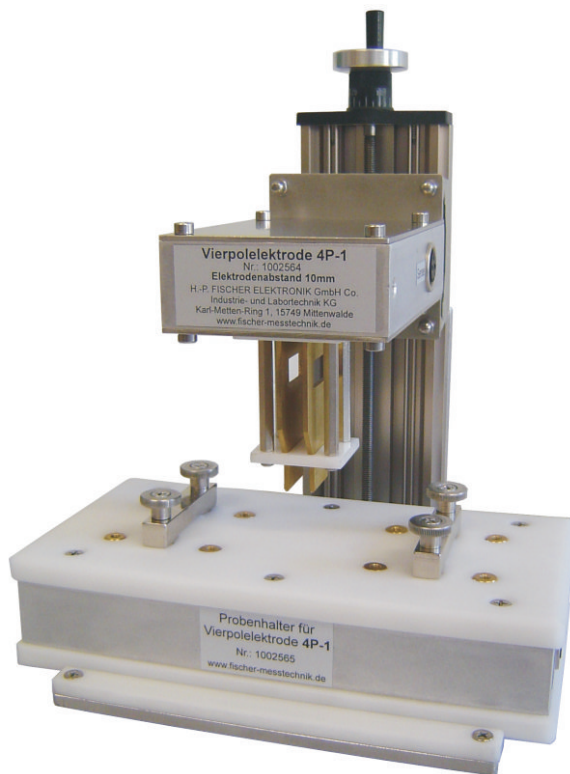


Four-pole electrode

4P-1

for measuring of the electric resistance of conductive materials with the four-pole method (Kelvin) according DIN EN ISO 3915



- ▶ Potential electrode from two knife-blade contacts stored one by one according to DIN EN ISO 3915
- ▶ Cutting length of the knife-blade contacts: 20 mm
- ▶ Distance of the knife-blade contacts: 10 mm
- ▶ Pen force of the knife-blade contacts: 0.6 N
- ▶ Spindle drive for an exact positioning
- ▶ mobile specimen holder
- ▶ specimen size (W/D/H): min. 70 x 10 x 1 mm
max. 150 x 20 x 20 mm
- ▶ connection with Milli-TO 3 und MO 3
- ▶ measuring range: 100 E-3 Ohm (100 mΩ) with 10 μOhm of resolution to 180 E 3 Ohm (180 kΩ)

The four-pole electrode was developed for the measuring of the electric volume and surface impedance of conductive materials according to the four-pole method. The structure of the electrode complies with the norm DIN EN ISO 3915.

The special constructive design of the electrode particularly the knife-blade contacts stored one by one, make a simple and sure bonding of the test specimen possible.

The horizontally mobile specimen holder allows measuring in different places of the specimen object without having to place or to contact the test specimen newly. A precise measuring is possible in connection with the measuring instruments Milli-TO 3 and MO 3 in the low ohm range.

The specimen holder also can be employed for high ohm measuring, in connection with a tera-ohmmeter at unexpected measured values or measuring overranging in the highest measurement range.



4P-1 with Milli-TO 3 (optional)