

Ohm and Current Meter TO 3 cable

for measurement of volume, surface, bleeder resistance, small currents and cable resistance especially at grounded specimens



The high-precision instrument TO 3 cable is a refinement of the TO 2, which was manufactured and sold with great success for over 20 years.

TO 3 cable is especially applicable to test grounded samples like cables for applications in the cable industry or laid floorings.

The TO 3 cable identifies resistance values up to 1,6 PetaOhm full scale easily and reliable.

To handle the instrument you can choose between an internal menu or a PC-GUI. The TO 3 provides a programmable and remote-controlled interface which also allows processing all measured data.

The measured values are displayed in scientific form with 2½ to 4½ digits.

You can choose between 3 predefined test voltages of 10 V, 100 V or 500 V or a variable voltage range, programmable from 1 V to 500 V in 1 V steps.

The test voltage source has a low capacitance and the max. test current is < 3 mA.

- ▶ resistance range from 0.9×10^3 to 1.6×10^{15} Ohm
- ▶ current range from 0.01 pA resolution to 1.1 mA
- ▶ measurements at one-sided grounded specimens possible
- ▶ autoranging or manual ranging
- ▶ easy handling by predefined buttons
- ▶ variable test voltage from 1 to 500 V
- ▶ limit indication by relay and beeper
- ▶ automatic zero control
- ▶ variable timer from 10 to 300 seconds
- ▶ RS 232 interface
- ▶ measurement rate: approx. 1 per second
- ▶ 2 LCD displays
- ▶ size in mm: 340 x 150 x 300 (W/H/L)
- ▶ weight: 5.5 kg

Accessories:

wide range of electrodes
measurement cables
resistors for calibration