

Ohm and Current Meter

Milli-TO 3

for measurement of volume, surface, bleeder resistance, small currents and cable resistance according standards DIN, EN, IEC and ASTM



- ↳ resistance range from 1×10^{-5} resolution to 1.6×10^{15} Ohm
- ↳ current range from 0.01 pA resolution to 1.1 mA
- ↳ autoranging or manual ranging
- ↳ easy handling by predefined buttons
- ↳ variable test voltage from 1 to 500 V
- ↳ limit indication by relay and beeper
- ↳ compensation of thermo voltage in low ohm range
- ↳ zero control
- ↳ variable timer from 10 to 300 sec
- ↳ RS 232 interface
- ↳ measurement rate: approx. 1 per sec
- ↳ 2 LCD displays
- ↳ dimensions in mm: 340 x 150 x 300
- ↳ weight: 5,7 kg

Accessories:

wide range of electrodes
 measurement cables
 resistors for calibration
 High-Ohm shield chambers

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

The Milli-TO 3 identifies resistance values from $10 \mu\text{Ohm}$ resolution 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 Milli-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 $2\frac{1}{2}$ to $4\frac{1}{2}$ 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 $< 3 \text{ mA}$.



Milli-TO 3 with optional electrode HOW 3



Milli-TO 3 with optional electrode EH 15/20