



## 202-103 TERA Ohmmeter for high resistance measurement

### Standards

Various



### Application

The precision resistance meter is used to measure volume, surface and leakage resistance, small currents and cable resistance.

### Features

For the operation and programming of the device, you can choose between internal menu guidance and the PC. The TERA-Ohmmeter has an interface, which allows further processing of the measured values and remote control of the device. You can choose between 3 fixed voltages 10 V, 100 V and 500 V or a variable measuring voltage, adjustable in 1 V steps from 1 to 500 V. The measuring voltage has a low residual ripple and in case of a short circuit a very small stored pulse energy. The continuous short-circuit current is limited to 3 mA.

### Technical Data

Resistance Range	$1 \times 10^3 \text{ Ohm}$ to $1,6 \times 10^{15} \text{ Ohm}$
Current Range	0,01 pA to 1,1 mA
Voltage Range	1 V to 500 V adjustable
Timer	10 s to 300 s adjustable
Measurement rate	approx. 1 Test per second
Response Time	10 min for Precision Measurement

### Dimensions and Connection

Dimensions (WxHxL)	340 x 150 x 300 mm
Weight	6 kg
Mains	100 – 240 V, 50/60 Hz
Power	approx. 20 VA

Interfaces	RS232
Others	2 LCD Displays