

## Teraohmmeter TO-3

Teraohmmeter for tests according DIN IEC 60093, VDE 0303 Teil 30, DIN 53482 and others.

This instrument is used to determine the volume resistivity as well as the surface resistivity by using an electrode. Mainly the instrument will be used for the determination of the electrical properties of a plastic moulded part (insulating material).

### Features:

- Resistivity measuring range:  $10^{-6}\Omega$  upto  $10^{15}\Omega$
- Current measuring range: 0,1pA upto 1mA
- Adjustable measuring voltage from 1V upto 500V
- Manual or automatic range selection
- Signalling limit by contact and beeper
- Thermo-Voltage compensation
- Automatic zero control
- Adjustable timer from 10 upto 300 s
- RS 232-interface incl. cables and PC-Software

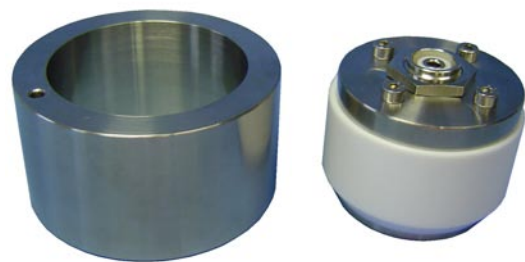


### Options:

#### Protection ring electrode type SE 50

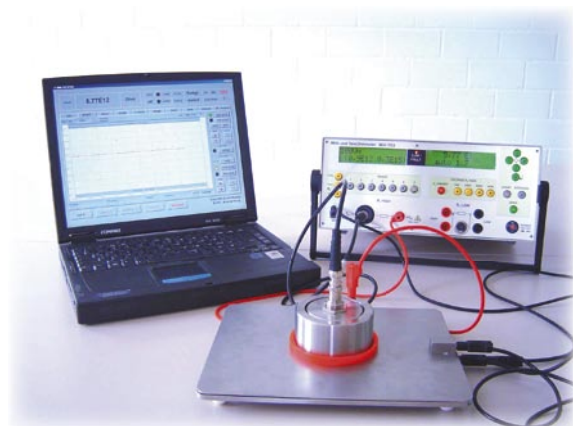
- Electrode for measurement of volume and surface resistivity according DIN/ IEC 60093
- Inner measuring area:  $1963,5 \text{ mm}^2$  ( $\varnothing 50 \text{ mm}$ )
- Protection ring:  $\varnothing 80 \text{ mm AD}$ ,  $\varnothing 60 \text{ mm ID}$
- Resulting measuring gap: 5 mm
- Effective measuring area:  $23,76 \text{ cm}^2$
- Maximum measuring voltage: 500V

**Other electrodes on request!**



### Software

With the graphical user interface, under the operating systems Windows 95, Windows 98, Windows XP and Windows 2000 running, you can easily control and monitor your TO-3 from a PC. With the program you can identify all TO-3 integrated commands from the PC call. Furthermore you can run automatically different programmable measuring tasks (see application examples or simply save the measurement values as a text file.



# Teraohmmeter

## Technical data:

	TO-3
Dimension (W x H x D) (mm)	340 x 150 x 300
Weight (kg)	5,5
Max. permitted environmental conditions (°C / %rF)	15 ... 35 / max. 70
<b>Electrical data</b>	
Voltage (±10 %) 50 Hz (VAc)	190 ... 260
Power (W), approx.	20
Protection class / type:	1 / IP 40