

Metriso 2000 – TEST-KIT

- Suitable for resistance to ground, surface and volume resistance measurements according to EN 61340-5-1, EN 61340-4-1 and EN 61340-2-3
- Suitable for measuring the electrical resistance of footwear and flooring in combination with a person according to EN 61340-4-5.
- Integrated data logger for 2500 values and infrared communication port for data transmission
- Clip-on humidity and temperature sensors
- Special guard socket reduces distortion at high value resistance measurements



Technical specifications

Test voltage

DC 10V, 100V, 250V, 500V

Test range

Resistance: 103 - 1012 W

Temperature: -10°C to +50°C

Humidity: 10% to 90%

Operation

Battery operated or with rechargeable batteries

Probes

2 x Model 850

1 x Handheld probe Model 45

Power supply, battery life expectancy:

4 batteries 1,5 V About 3000 measurements at RESD with one set of batteries. (with 10 sec. on-time and performance of one measurement before each automatic instrument shutdown)

Physical specifications

Size

140 x 50 x 270 mm (W x H x D)

Weight

1120 g

Supplied with

- Digital high resistance tester Metriso 2000
- Infrared interface adapter (USB)
- Communication software
- Humidity and temperature sensor
- 2 Probes Model 850 acc. to EN 61340-4-1
- 1 Handheld probe Model 45 acc. to EN 61340-4-5
- Connecting cables
- Conductive carrying case
- User's Manual in German / English / French

Technical specifications

Measured Quantity	Measuring range	Test current / Impedance	Nominal values	Intrinsic Error
R_{ESD}	1 k Ω - 100 k Ω	---	$U_M = 10V$	$\pm(5\% \text{ rdg.} + 3 \text{ d})$
R_{ESD}	>100 k Ω - 10 G Ω	1 mA	$U_M = 100V$	$\pm(5\% \text{ rdg.} + 3 \text{ d})$
R_{ESD}	>10 G Ω - 100 G Ω	1 mA	$U_M = 100V$	$\pm(8\% \text{ rdg.} + 3 \text{ d})$
R_{ESD}	0 M Ω - 10 G Ω	1 mA	$U_M = 250/500V$	$\pm(5\% \text{ rdg.} + 3 \text{ d})$
R_{ESD}	0 M Ω - 100 G Ω	1 mA	$U_M = 250/500V$	$\pm(8\% \text{ rdg.} + 3 \text{ d})$
R_{ESD}	>100 G Ω - 1 T Ω	1 mA	$U_M = 100/250/500V$	$\pm(25\% \text{ rdg.} + 5 \text{ d})$
U_M	0 V - 720V	5 M Ω	---	$\pm(2,5\% \text{ rdg.} + 3 \text{ d})$
T	-10°C - +50°C	---	---	$\pm 2^\circ\text{C}$
F_{rel}	10% - 90 %	---	---	$\pm 5\%$

Accessories

Accessories (optional):



Part No.
7100.2000.TR50
50m Cable reel with unroll
handle for floor measurement



Part No.
7100.2000.PE
Electrical ground tester for
German power sockets 230
V 5/60 Hz



Part No.
7100.2000.MK.Z501.D
Battery charger for recharge-
able battery operation