TRANSFORMING TECHNOLOGIES
OUTSTANDING ALTERNATIVES IN STATIC CONTROL

Warmbier Test Equipment
Metriso® 3000 Surface Resistance Meter

Take quick and accurate ESD measurements up to a TeraOhm with this high resistance testing kit.

A complete test kit for resistance measurements of almost all parts of your ESD protection. The METRISO 3000 test kit measures a wide range if values: low resistance from 1KilaOhm to1.2 TeraOhm. The kit comes with two 5lb disc probes and has an integrated temperature and humidity gauge. Measuring voltage can be set between 10 - 500V and also be varied if desired.

The test instrument is suitable for:
• The selection of ESD materials
• Installation of selected protective measures
• Periodic inspection of protective measures

All measured values can be stored in the instrument and, with the help of the included software transferred to PC via USB cable. With the software program readings can be handled, stored and measurement protocols can be printed.

The Metriso®3000 can be supplemented with various probes; miniprobe (7220.840.SET) for control of e.g trays and conveyer lines, ringprobe (7220.880.SET) and handprobe for control of resistance to floors and shoes.

Features

- **Wide test range: 1KΩ - 1.2 TΩ**
- **Take resistance point-to-point & resistance to ground measurements**
- **Integrated data logger (50K values).**
- **Comes with report creating software**
- **Humidity and temperature sensor**
- **Accessories allow for bar code scanning, small material, floors, shoes and chair testing.**

The kit comes with the Metriso 3000, a temperature and humidity sensor, two disc probes and a handheld all in a conductive case.
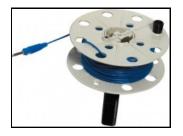
Applications:
The Metriso® 3000 kit tests the resistance of materials for ESD compliance accordance with ANSI ESD20.20, IEC 61340-4-1, IEC 61340-2-3 and IEC 61340-4-5.

Metriso® 3000 Meter

Accessories

The Metriso® 3000 is supplied complete with two 5lb disc probes, handheld probe, and software . The following accessories are available:

Model: 7100.2000.TR50
Cable Reel: 50m reel with unroll handle to assist with floor measurements. Pair with the disc probes to measure resistance across large areas.

Model: 7100.3000.SC
Barcode Scanner: Used to identify bar coded test points before testing. Makes organized test reports with the included software.

Model: 7220.840.SET
Mini Probe: Take point-to-point measurements on small surfaces such as small packaging and inside small spaces. Mini ring probe is also available.

Model: 7220.840.SET
Two Sided Probe: Combination disc and concentric ring probe. For resistance to ground-/ point-to-point resistance / surface resistance and volume resistance measurement.

Specifications

Test voltage:	DC 10V, 100V, 500V	
Test range	**Resistance:**	1Ω to $1,2T\Omega$
	Temperature:	-10°C to +70°C
	Humidity:	10% to 90%
Operation:	Battery operated with AA rechargeable batteries (life is 3000 R_{esd} measurements)	
Probes:	2 x Model 850	
	1 x Handheld probe Model 45	
Size:	8.8 x 5.11 x 5.5 in (225 x 130 x 140 mm)	
Weight:	3.08 lbs (1.4 kg)	

Part Numbers:

7100.3000.MK	Metriso® 3000 Resistance Test-Kit
7100.2000.TR50	50m Cable for Floor Measurements
7100.2000.ML	Replacement connecting cables
7100.3000.SC	Barcode Scanner
722.840.SET	Mini Probe Set
7220.890.WE.SET	Two Sided Probe

Supplied with:

- Digital high resistance tester Metriso® 3000
- USB cable
- Software "ETC" on CD-ROM
- Humidity and temperature sensor
- 2 Probes Model 850 acc. to IEC 61340-4-1 /2-3
- 1 Handheld probe Model 45 acc. to IEC 61340-4-5
- Connecting cables
- Conductive carrying case
- User's Manual in German / English / French

Warranty and Calibration
▶1 year limited warranty
▶Recommended calibration interval: 2 years

About Transforming Technologies

Since 1998, Transforming Technologies has helped electronic manufacturing facilities to protect their products and processes from the many serious problems associated with static electricity.

Transforming Technologies offers a wide range of unique and outstanding products to detect, protect, eliminate and monitor electrostatic charges. Our products are integral components of an effective static control program.