

TOKii-113SRMTH Mega-ohmmeter



1. Product description

TOKII-113 Mega-ohmmeter meets to EOS / ESD, CECC, ASTM and UL test procedures. It is used to measure the impedance or resistance of all conductive, antistatic and ESD surfaces. Easy to use, high quality, high reliability, the instrument can also affect the electrical performance of the relative humidity and temperature.

Measure impedance temperature and humidity. "Humidity and temperature affect the impedance, so it must be measured. "

Measuring surface impedance 10^3 - 10^1 ohms/M2, measuring resistance 10^3 - 10^{12} ohms

2. Product function

Relative humidity	10%-90% RH
Temperature	32。 F-100。 F (0°C-37.8°C)
High precision	Full range
	2 pcs 5 pound sledge hammers
	LCD digital display
	Can Measure Mat, floor coating, finish, wrist strap, overalls, shoes (shoe covers), bags and containers

3. Physical characteristics

Impedance, temperature and humidity measurements are in compliance with ESD standards, S4.1, S7,1 and S11.11

- 10^3 - 10^{12} ohm/ range for testing electrical properties of various materials.
- OV/100V measurement scale suitable for standard table and ground.
- Plastic instrument box to protect the instrument from damage
- Light Weight, only 425g, easy to carry
- LCD digital display, easy to use, easy to read
- Automatic power-off function to extend battery life
- Automatic return to zero to ensure accuracy
- 5-pound probe, all in compliance with ASTM, EOS and CECC standards
- one-year warranty
- NIST trace, ISO 9000 guarantee
- Replaceable probe for extended service life
- Set impedance, humidity, temperature-measuring instruments in one.

Performance	TOKii-1
10^3 - 10^{12} Ω measuring range	√
Humidity	√
Temperature	√
10v/10ov	√
5 Pound.2.5-inch disc probe	√
Measure RTT、RTG	√
Measuring surface impedance	√
Built-in impedance probe	√

Digital LCD reading	√
Wound Jack	√
Foamed plastic instrument box	√
NIST standard	√
9V standard battery	√

1.Surface resistance measurement EOS/ ESD-S4.1

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Resistance Range:

$10^3=1$ Thousand ohms

$10^4=10$ Thousand ohms

$10^5=100$ Thousand ohms

$10^6=1$ Meg ohm

$10^7=10$ Meg ohm

$10^8=100$ Meg ohm

$10^9=1000$ Meg ohm

$10^{10}=10000$ Meg ohm

$10^{11}=100000$ Thousand ohms

$10^{12}=1000000$ Meg ohm

TOKii-113 's LCD display will show the exact values measured.

Such as 27ohms ($2.7 \cdot 10^7$) will be displayed as: 2.7 e07 ohms/sq.

Distinction of Resistance Range Measure

Voltage	Range	Definition
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10V	Less than 10^6 ohm/Sq.	Conductive
100V	10^6 ohm- 10^{11} ohm /Sq.	Antistatic
100V	More than 10^{12} ohm /Sq.	Insulation

1、 Surface to ground resistance measurement complies with EOS/ ESD S 4.1 standard.

TOKii-113 accuracy:

10^3 - 10^8 +/-10% @RH<90%
 10^9 - 10^{10} +/-15% @RH<60%
 10^{11} - 10^{12} +/-25% @RH<60%

When humidity and temperature within 70% and 70 degrees, tolerance is 3% and +/-3 degree.

When humidity and temperature over 70% and 70 degrees, tolerance is 5% and +/-5 degree.