

Ohm Metrics SRM 500K

Resistance Test Kit with Temp and RH

A digital surface resistance test kit that accurately measures RTT and RTG. Suitable for factory audits and test lab evaluations, the Ohm Metrics SRM500K measures ambient temperature and humidity.

Features include:

- 10v and 100v range voltage selection
- Automatic zeroing and power shut off
- Two 5 lb disk probes
- Built in resistivity probes
- Carrying case

Meets requirements of ANSI/ESD S4.1, S7.1, S2.1 and STM12.1 and STM97.1



Product Specifications

Dimensions/Weight 5.15" H x 2.50" W x 1.8" D /8.46 oz
Test range: 10^3 - 10^{12}
Test voltage: 10V/100V(automatic ranging)
Accuracy $\pm 5\%$
Power Supply 9V-Battery (PP3)
120 volt AC Adapter
Probes: Two 5 pound disk probes
Two 3"parallel surface resistivity probes
Read Out LCD alpha-numeric scale-no
LED'S

Test Range

Resistivity: 10^3 - 10^{12} ohms/sq.
Resistance: 10^3 - 10^{12} ohms
Relative humidity: 10% to 90%RH
Temperature: 0°C-37.7°C(32°Fto 100°F)

Product Number

SRM500K Resistance Meter with 5lb
disk probes and carrying
case

Accuracy for 10 volt scale:

$10e3$ - $10e4$ +/-9% @RH<90%
 $10e4$ - $10e8$ +/-5% @RH<90%
 $10e8$ - $10e9$ +/-9% @RH<90%
 $10e9$ - $10e10$ +/-25% @RH<60%

Accuracy for 100 volt scale:

$10e6$ - $10e8$ +/-5% @RH<90%
 $10e9$ - $10e10$ +/-9% @RH<60%
 $10e10$ - $10e11$ +/-15% @RH<50%
 $10e11$ - $10e12$ +/-25% @RH<40%

This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.

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