



Surface Resistance Meter

SRM1

Description

The pocket resistivity meter, with specifications ranging from 10^3 Ohms per square to 10^{12} 1/2 decade. The meter is supplied with a certificate of calibration. This product is manufactured with soft probes for maximum and consistent surface contact to give more accurate readings. The battery is very easy to change. All test instruments are manufactured to the very highest quality allowing qualification to council directives 89/336/EEC. Testing items are CE approved.

Testing Guidance

The meter measures both surface resistivity and resistance to ground. To measure surface resistivity, simply place the meter on the surface of the material that requires measuring and press the green test button. The meter will then light the appropriate LED from 10^3 - 10^{12} Ohms-per-square or insulative. To measure resistance-to-ground, repeat this process and insert the earth leakage lead in the earth socket attaching the croc-clip to your ground point.

The meter uses correctly spaced parallel bars for sensing its measurements and operates with a 9 volt PP3 battery; giving over 40 hours of testing time. Calibration of the unit is recommended every 12 months, this can be arranged by contacting the Bondline Office.



Manufactured in the United Kingdom.



Specifications	
Power Supply	9 volt PP3 alkaline battery.
Temperature Operating Range	40°F to 120°F (5°C to 49°C).
Test Voltage	Nominal 9 volts.
Storage	(-15°C to +60°C).
Relative Humidity	0% to 90% (non-condensing).
Resolution	One order per magnitude.
Changeover Point	1/2 decade on a logarithmic scale ($3.16 \times 10n$).
Changeover Point Accuracy	+/- 1/2 decade.
Accuracy	+/- 10%.
Repeatability	+/- 5%.
Weight	6 ounces.
Dimensions	130mm x 70mm x 25mm.





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Product Code	
SRM1	Supplied with: Required test leads, 9V battery and carrying case.

*Custom logos available on request or
SRM1 can be supplied unbranded.*

Product is assembled at Bondline.



Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Surface Resistance Meter, March 3rd 2020.