



DT-5503

Analogue Insulation Tester

The DT-5503 is a highly compact and easy to use Insulation and Continuity Tester. The instrument offers three insulation test ranges: 250V, 500V and 1000V, a 3Ω continuity range and a 500Ω resistance range. This meter is not only equipped with a “Live Circuit Warning” but also displays the actual AC voltage measurements of the mains supply.



Specifications	DT-5503
Insulation Test	
DC Test Voltage	250V 500V 1000V
Measuring Ranges (Mid-Scale Value)	0-100MΩ(1MΩ);0-200MΩ(2MΩ);0-400MΩ(4MΩ)
Rated Current	1mA DC+20%, -0%
Output short Circuit Current	1.3mA DC approx
Accuracy Guaranteed Ranges	0.05-10MΩ \pm5%; 0.1-20 Ω \pm5%; 0.2 -40MΩ \pm5%;
Accuracy	\pm7% of Scale length at ranges other than above ranges
Continuity Test Ranges	
Accuracy	\pm1.5% of Scale Length
Open Circuit Voltage Output	4.1VDC (Approx)
Short Circuit Current Output	210mA Min
AC Voltage Warning	
AC Voltage Range	0-600V AC for 30 seconds
Accuracy	\pm5% of Scale Length
Input Impedance	1.2MΩ
General	
Withstand Voltage	7400V AC 50Hz or 60Hz for one minute between electrical circuits and housing case
Safety Standards	IEC 61010-1 CAT III

Size (H x W x D): 200mm x 92mm x 50mm

Weight: 546g

Applications



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Accessories: Test leads, "AA" Battery x 6 and gift box with carrying case.