DT-5503

ANALOGUE INSULATION TESTER

The DT-5503 is a highly compact and easy to use Insulation and Continuity Tester with a large analogue display

Three Insulation Test ranges 250 V, 500 V and 1000 V

3 Ω Continuity range and a 500 Ω Resistance range

Equipped with a "Live Circuit Warning" plus also displays the actual AC voltage measurements of the supply

1.3 mA test current for MΩ range at rated voltage

210 mA short current for continuity range

Bright backlight function

IEC10101, CATIII 1000V

Includes 6 AA batteries, test leads and soft carrying case

Specifications	**DT-5503**
Insulation Test	
DC Test Voltage	250 V 500 V 1000 V
Measuring Ranges (Mid-Scale Value)	0-100 MΩ(1 MΩ);0-200 MΩ(2 MΩ); 0-40 0MΩ(4 MΩ)
Rated Current	1 mA DC+20%, -0%
Output short Circuit Current	1.3 mA DC
Accuracy Guaranteed Ranges	0.05-10 MΩ ±5%; 0.1-20 Ω ±5%; 0.2 -40 MΩ ±5%;
Accuracy	±7% of Scale length at ranges other than above ranges
Continuity Test Ranges	
Accuracy	±1.5% of Scale Length
Open Circuit Voltage Output	4.1 VDC
Short Circuit Current Output	210 mA Min
AC Voltage Warning	
AC Voltage Range	0-600 V AC for 30 seconds
Accuracy	±5% of Scale Length
Input Impedance	1.2 MΩ
General	
Withstand Voltage	7400 V AC 50 Hz or 60 Hz for one minute between electrical circuits and housing case
Safety Standards	IEC 61010-1 CAT III 1000 V