

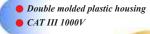


Model 5505



Accessories:

Test leads, "AA" Battery x 6 and gift box with carrying case. Size(HxWxD): 200mm x 92mm x 50mm Weight: 582g



Large dual LCD display with bargraph

When doing power installation, 5505 can provide some special help. When doing insulation test, it can provide 125V,250V, 500V and 1000V source for the test and under each range it can supply more 1mA current to feet the capacitance load. With the auto-range function, it can measure up to 4000 MegaOhm with the resolution of 1Kohm. These characteristics are also specified in the safety regulations in CE document.

- Auto-discharge of capacitive voltage for added user protection
- Live circuit detection prevents insulation test if voltage >30V is detected for added user protection
- Min/Max recording & Data Hold
- 1mA test current for MegOhm range at rated voltage
- 200mA short current for continuity range
- Additional test voltages 125V,250V,500V,1000V

Features	
Meets IEC10101, CATIII 1000V	
Large dual display with analog bargraph & backlight	
Test hold & lock function for easy operation	
Easy to carry testing package	
Over range Indication	
Low Battery Indication	
Includes 6 AA batteries, test leads and plastic carrying case	

Specifications			
	Range	Max Resolution	Basic accuracy
Voltage AC	750V	1V	$\pm 1.2\%$ rdg ± 10 dgts
Voltage DC	1000V	1V	±0.8%rdg ±3dgts
Resistance	40Ω , 400Ω	$0.01\Omega,0.1\Omega$	±1.5%rdg ±6dgts
Insulation Resistance	$4\text{M},\!40\text{M},\!400\text{M},\!4000\text{M}\Omega$	1kΩ~1MΩ	±2.0%rdg ±6dgts
Test Voltage & Current	125V/250V/500V/1000V & 1mA nominal		
Continuity Test	Active Sound Level: ≤400	2, Test current ≤200)mA
Operating Temp	0°C~40°C(<80%R.H.)		
Storage Temp	-10°C~60°C(<70%R.H.)		
Power Source	1.5V "AA" size Battery x	6	



DT-5500/5520/5530 Insulation Testers

- 1mA test current for MegOhm range at rated voltage
- 200mA short current for continuity range

5500	5520	
5500	5520	
	3320	5530
*	*	*
*	*	*
*	*	*
*	*	*
*	*	*
*	*	*
200M/2000M		
	20M/200M/2000M	
		20M/200M/2000
	* * *	* * * * * * * * * * * * * * * * * * *

Specifications	\$		
	Range	Max Resolution	Accuracy
Voltage AC	750V	1V	$\pm 1.2\%$ rdg ± 10 dgts
Voltage DC	1000V	1V	±0.8%rdg ±3dgts
Resistance	200Ω , 2000Ω	0.1Ω, 1Ω	±1%rdg ±2dgts
Insulation Resistance	$200 \mathrm{M}\Omega$, $2000 \mathrm{M}\Omega$	$100k\Omega{\sim}1M\Omega$	±3.5%rdg ±5dgts
	20MΩ(5520 only)	$10 \mathrm{k}\Omega$	±3.5%rdg ±5dgts
Test Voltage	250V-200MΩ/500V-2	200MΩ/1000V-2000MΩ	Ω , (500V-20M Ω only 5520
Continuity Test	Active Sound Level:	≤40Ω, Test current ≤20	0mA
Operating Temp	0°C~40°C(<80%R.H.)		
Storage Temp	-10°C~60°C(<70%R.1	H.)	
Power Source	1.5V "AA" size Batte	ery x 6	



EN: 61326 EN: 61010-1. EN: 61010-02-031







Size(HxWxD): 200mm x 92mm x 50mm Weight: 582g





Model 5500

Accessories:

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

DT-5503 Analogue Insulation Tester

The 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	
DC Test Voltage	250V 500V 1000V
Measuring Ranges	$0\text{-}100\text{M}\Omega(1\text{M}\Omega); 0\text{-}200\text{M}\Omega(2\text{M}\Omega); 0\text{-}400\text{M}\Omega(4\text{M}\Omega)$
(Mid-Scale Value)	
Rated Current	1mA DC+20%, -0%
Output short Circuit Current	1.3mA DC approx
Accuracy Guaranteed Ranges	$0.05\text{-}10\text{M}\Omega \pm 5\%;\ 0.1\text{-}20\ \Omega \pm 5\%;\ 0.2\ \text{-}40\text{M}\Omega \pm 5\%;$
Accuracy	$\pm 7\%$ of Scale length at ranges other than above ranges

Continuity Test Ranges		
Accuracy	±1.5% 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	±5% of Scale Length	
Input Impedance	1.2ΜΩ	
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(HxWxD): 200mm x 92mm x 50mm Weight: 546g

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

Model 5503