



DT-5505

DIGITAL INSULATION TESTER

- | Hand Held Battery Operation
- | Insulation Resistance Test Voltage
125V/250V/500V/1000V
- | Insulation Resistance Range upto 4000MΩ
- | Displays Battery Voltage with Test Result
- | Continuous operation in "HANDS FREE" mode
- | Can measures Low Resistance
- | Measures AC/DC Voltage
- | Can perform Continuity Test
- | Data Hold Function
- | Backlit Super Large LCD with Analogue Bargraph

General Specifications

Display	Large LCD with dual display
Sampling Rate	2.5 times per second
Zero Adjustment	Automatic adjustment
Over Range Indicator	Number 1 of highest digit is displayed
Low Battery Indication	The  is displayed when the battery Voltage drop below the operating voltage
Operating Temperature	0°C to 40°C (32°F to 104°F) and Humidity below 80% RH
Storage Temperature	-10°C to 60°C (14°F to 140°F) and Humidity below 70% RH
Power source	1.5V "AA" size Battery x 6
Dimensions	200(L) x 92(W) x 50(H) mm
Weight	Approx 582g



Electrical Specifications

Accuracies are specified in the way:

±(...% of reading +...digits) at 23°C±5°C, below 80% RH.

OHMS

Range	Resolution	Accuracy	Max. open Circuit Voltage	Overload Protection
40.00Ω	0.01Ω	±(1.2%+3)	5.8V	250Vrms
400.0Ω	0.1Ω		5.8V	

Continuity Beeper

Range	Resolution	Operation Resistance	Max.open Circuit Voltage	Overload Protection
•)))	0.01Ω	Resistance≤35Ω	5.8V	250Vrms
Short circuit current		≥200mA		

DC Voltage

Range	Resolution	Accuracy	Input Impedance	Overload Protection
1000V	1V	±(0.8%+3)	10MΩ	1000Vrms

AC Voltage (40Hz~400Hz)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
750V	1V	±(1.2%+10)	10MΩ	750Vrms

Meg OHMS

Terminal Voltage	Range	Resolution	Accuracy	Test Current	Short circuit current
125V(0%~+10%)	0.125~4.000 MΩ	0.001MΩ	±(2%+10)	1mA @load125kΩ	≤1mA
	4.001~40.00 MΩ	0.01MΩ	±(2%+10)		
	40.01~400.0 MΩ	0.1MΩ	±(4%+5)		
	400.1~4000 MΩ	1MΩ	±(5%+5)		
250V (0%~+10%)	0.250~4.000 MΩ	0.001MΩ	±(2%+10)	1mA @load250kΩ	≤1mA
	4.001~40.00 MΩ	0.01MΩ	±(2%+10)		
	40.01~400.0 MΩ	0.1MΩ	±(3%+5)		
	400.1~4000 MΩ	1MΩ	±(4%+5)		
500V(0%~+10%)	0.500~4.000 MΩ	0.001MΩ	±(2%+10)	1mA @load500kΩ	≤1mA
	4.001~40.00 MΩ	0.01MΩ	±(2%+10)		
	40.01~400.0 MΩ	0.1MΩ	±(2%+5)		
	400.1~4000 MΩ	1MΩ	±(4%+5)		
1000V (0%~+10%)	1.000~4.000 MΩ	0.001MΩ	±(3%+10)	1mA @load1MΩ	≤1mA
	4.001~40.00 MΩ	0.01MΩ	±(2%+10)		
	40.01~400.0 MΩ	0.1MΩ	±(2%+5)		
	400.1~4000 MΩ	1MΩ	±(4%+5)		

Accessories

Carrying Case, Test Leads, Instruction Manual, Battery, Test Certificate.