



## DT-5500

### DIGITAL INSULATION TESTER

- I Hand held Battery Operation
- I Insulation Resistance Test Voltage 250V/500V/1000V
- I Insulation Resistance Range upto 2000M $\Omega$
- I Displays Battery Voltage with Test Result
- I Continuous operation in "HANDS FREE" mode is also possible
- I Also measures Simple Resistance
- I Can measures AC/DC Voltage
- I Can conduct Continuity Test
- I Data Hold Function
- I Backlit Super Large LCD Display

شرکت محترم فرهان گستر جنوب

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# DT-5500

## Digital Insulation Tester



### General Specifications

Environment conditions	Installation Categories II <ul style="list-style-type: none"> <li>■ Pollution Degree 2</li> <li>■ Altitude up to 2000 meters</li> <li>■ Indoor use only</li> <li>■ Relatively humidity 80% max.</li> <li>■ Operation Ambient 0~40°C</li> </ul>
Display	Large LCD with dual display
Measurement Range	200Ω, 200kΩ, 200MΩ/250V, 200MΩ/500V, 2000MΩ/1000V, 750V ACV, 1000V DCV
Sampling Rate	2.5 times per second
Zero Adjustment	Automatic adjustment
Over Range Indicator	Number 1 of highest digit is displayed
Low Battery Indication	Th  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	DC9V (6x1.5V Size "AA" battery or Equivalent)
Dimensions	200(L) x 92(W) x 50(H) mm
Weight	Approx 700g include battery



### 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
200Ω	0.1Ω	±(1%+2)	4.5V	250Vrms
200kΩ	0.1kΩ		3.0V	

#### Continuity Beeper

Range	Resolution	Operation Resistance	Max.open Circuit Voltage	Overload Protection
•)))	0.1Ω	Resistance≤40Ω	4.5V	250Vrms
Short circuit current		≤200mA		

#### DC Voltage

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

#### AC Voltage

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

#### Meg OHMS

Range	Resolution	Accuracy	Terminal Voltage
200MΩ/250V	0.1MΩ	+(3%+5)	250V+10% ~ -0%
200MΩ/500V	0.1MΩ		500V+10% ~ -0%
0~1000MΩ/1000V	1MΩ	+(5%+5)	1000V+10% ~ -0%
1000~2000MΩ/1000V			

Range	Test Current		Short circuit current
200MΩ/250V	1mA	250KΩ(load)	≤1mA
200MΩ/500V		500KΩ(load)	
0~1000MΩ/1000V		1MΩ	
1000~2000MΩ/1000V			

### Accessories

Test leads, 6pcs battery,  
Carrying case, Instruction  
Manual, Test Certificate.



Contact :

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