

INSULATION TESTER

Model : DI-6200

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC



The Art of Measurement

INSULATION TESTER

Model : DI-6200

FEATURES

- * Digital display, easy and correct read-out.
- * Multi Mega ohm range with 0-200 Mega ohm at 500 V DC, 0-1000 Mega ohm at 1000 V DC.
- * Build in precision 200 ohm range easy for measuring low resistance such as motor windings, relay coils etc.
- * 18 mm (0.7") large LCD display.
- * Battery operating easily to carry with user.
- * LCD display allows clear read-out even at bright place.
- * LSI-circuit provides high reliability and durability.
- * Built-in over-input and low battery indication.
- * Overload protection for each range.
- * Automatic zero adjust.
- * Durable & portable housing case with handle.

GENERAL SPECIFICATIONS

Display	18 mm (0.7") LCD (Liquid Crystal Display), Max. indication 1999.	
Measurement	Insulation	200M ohm/500V 1000M ohm/1000V.
	OHMS	200 ohm
Sampling Time	0.4 second.	
Mega ohm	Max. approx. 2.5 second.	
Respond Time		
Zero Adjustment	Automatic adjustment.	
Over-input	Indication of "1" .	
Operating Temp.	0 to 50 °C (0 to 122 °F)	
Operating Humidity	Less than 80% R.H.	
Power Supply	DC 9V, 1.5V AA(UM-3) battery x 8 PCs. Alkaline or heavy duty battery.	

* Appearance and specifications listed in this brochure are subject to change without notice.

Power	Approx. 100 mA (1000M ohm/1000V range).
Consumption	Approx. 50 mA (200 M ohm/500V range).
	Approx. 1.6 mA (200 ohm/OHMS range).
Dimension	170 x 127 x 78 mm (6.7 x 5.0 x 3.1 inch), with housing front cover.
Weight	560 g (1.2 LB).
Standard	Instruction Manual1 PC.
Accessories	Alligator Clips, AL-03.....1 pair

2-2 Electrical Specifications (23±5 °C)

Mega ohm			
Range	Accuracy	Resolution	Open Circuit voltage
200 Mega ohm (500V)	± (3% + 1d)	0.1 M ohm	Approx. DC 480 V (over 8 M ohm)
1000 Mega ohm (1000V)	± (3% + 1d)	1 M ohm	Approx. DC 975 V (over 8 M ohm)
* Input terminal Short circuit current is approx. 0.2 mA. for 200 M OHM/500 V range.			
* Input terminal Short circuit current is approx. 0.2 mA. for 1000 M OHM/1000 V range.			

OHMS			
Range	Accuracy	Resolution	Open Circuit Voltage
200 ohm	± (1% + 1d)	0.1 ohm	Approx. 3 V
* Overload Circuit Protection AC/DC 500V (within 20 sec)			

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