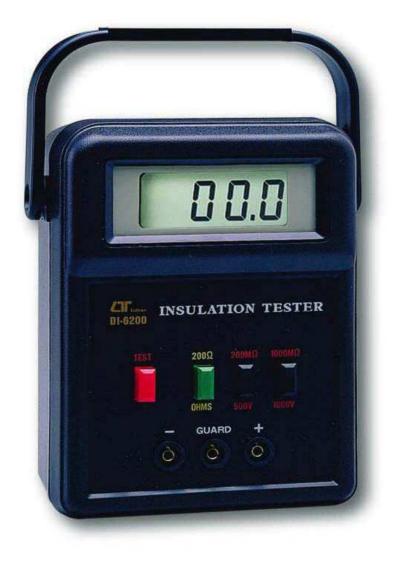
# **INSULATION TESTER**

### **Model : DI-6200**

*ISO-9001, CE, IEC1010* 







The Art of Measurement

**LUTRON ELECTRONIC** 

## **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 a	djustment.	
Over-input	Indication of "1" .		
Operating Temp.	0 to 50 $^\circ\!\!\!C$ ( 0 to 122 $^\circ\!\!\!\mathrm{F}$ )		
Operating	Less than 80% R.H.		
Humidity			
Power Supply	DC 9V, 1.5V	AA(UM-3) battery x 8 PCs.	
	Alkaline or h	eavy duty battery.	

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-031 pair	

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

Range	Accuracy	Resolution	Open Circuit
			voltage
200 Mega ohm	± (3% + 1d)	0.1 M ohm	Approx.
(500V)			DC 480 V
			(over 8 M ohm)
1000 Mega ohm	± (3% + 1d)	1 M ohm	Approx.
(1000V)			DC 975 V
			(over 8 M ohm)

for 200 M OHM/500 V range.

\* Input terminal Short circuit current is approx. 0.2 mA. for 1000 M OHM/1000 V range.

Range	Accuracy	Resolution	Open Circuit
			Voltage
200 ohm	± (1% + 10	l) 0.1 ohm	Approx. 3 V

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

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