

2000 Megohm(1000V)

# INSULATION TESTER

Model : DI-6300A

ISO-9001, CE, IEC1010



## FEATURES

- \* Insulation measurement range :
  - 200 Megohm (100V)
  - 200 Megohm(250V)
  - 200 Megohm(500V)
  - 2000 Megohm(1000V)
- \* ACV & OHM measurement.
- \* Precision 200 ohm range easy for measuring low resistance such as motor windings, relay coils etc.
- \* Insulation measurement with high drive current, short circuit current > 2.55 mA.
- \* 18 mm (0.7") large LCD display.
- \* LSI-circuit provides high reliability and durability.
- \* Overload protection for each range.
- \* Automatic zero adjust & automatic circuit discharge.
- \* Durable & portable housing case with the front protective cover.



**Lutron**

**LUTRON ELECTRONIC**

**The Art of Measurement**

2000 Megohm(1000V).

# DIGITAL INSULATION TESTER

Model : DI-6300A

FEATURES	
* Digital display, easy and correct read-out.	* Battery operating easily to carry with user.
* Multi-function for insulation measurement of 200 Megohm (100V) 200 Megohm(250V), 200 Megohm(500V), 2000 Megohm(1000V).	* LCD display allows clear read-out even at bright place,
* Build in the ACV & OHM measurement function.	* LSI-circuit provides high reliability and durability.
* Precision 200 ohm range easy for measuring low resistance such as motor windings, relay coils etc.	* Built-in over-input and low battery indication.
* Insulation measurement with high drive current, short circuit current > 2.55 mA.	* Overload protection for each range.
* 18mm (0.7") large LCD display.	* Automatic zero adjust & automatic circuit discharge.
	* Durable & portable housing case with the front protective cover.

GENERAL SPECIFICATIONS	
Display	18mm (0.7") LCD (Liquid Crystal Display), Max indication 1999.
Measurement	Insulation 200 Megohm/100V, 200 Megohm/250V, 200 Megohm/500V, 2000 Megohm/1000V.
	ACV 600 ACV
	OHMS 200 ohm
Sampling Time	0.4 second.
Megohm Respond Time	Max. approx. 2.5 second.
Zero Adjustment	Automatic adjustment.
Over-input	Indication of " 1 " .
Operating Temp.	0to 50°C (0to 122°F)
Operating Humidity	Less than 80% R.H.
Power Supply	DC 9V (6 x 1.5V AA battery, recommended to use the alkaline or heavy duty battery).
Power Consumption	Approx. 100 mA (1000 Megohm /1000V range). Approx. 28 mA (200 Megohm/500V range). Approx. 28 mA (200 Megohm/250V range). Approx. 13 mA (200 Megohm/100V range). Approx. 10 mA (200 ohm/OHMS range). Approx. 1.6 mA (600 ACV/ACV range).
Dimension	160 x 120 x 85 mm (6.3 x 4.7 x 3.3 inch), with housing front cover.
Weight	575 g ( 1.3 lb ).
Standard Accessories	Instruction Manual ..... 1 PC. Professional test lead pairs with alligator Clips..... 1 pair.

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)				
<b>INSULATION</b>				
<i>Range</i>	<i>Accuracy</i>	<i>Resolution</i>	<i>Test Voltage</i>	<i>Short Circuit Current</i>
200 Megohm(100V)	± (3% + 1d)	0.1 Meg ohm	≥ 500 K, 100 V + 5 %	Approx. 2.55 to 2.8 mA
200 Megohm(250V)	± (3% + 1d)	0.1 Megohm	≥ 500 K, 250 V + 5 %	
200 Megohm(500V)	± (3% + 1d)	0.1 Megohm	≥ 500 K, 500 V + 5 %	
2000 Megohm(1000V)	± (3% + 1d)	1 Megohm	≥ 10 M, 1000 V + 5 %	
<b>OHMS</b>				
<i>Range</i>	<i>Accuracy</i>	<i>Resolution</i>	<i>Open Circuit Voltage</i>	<i>Overload Circuit Protection</i>
200 ohm	± (1% + 1d)	0.1 ohm	Approx. 3 V	AC/DC 500V (within 20 sec)
<b>AC VOLTAGE</b>				
<i>Range</i>	<i>Accuracy</i>	<i>Resolution</i>	<i>Input Impedance</i>	<i>Overload Circuit Protection</i>
600 ACV	± (1% + 2d)	1 ACV	4.5 Megohm	600 ACV

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