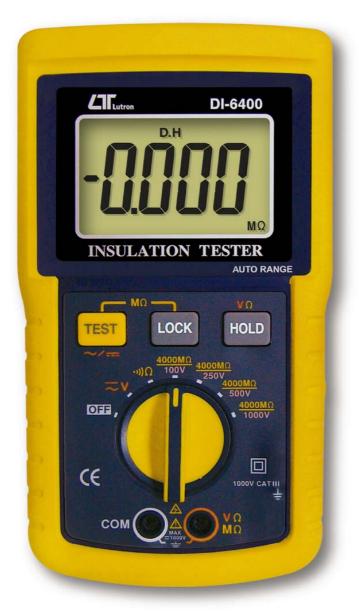
# INSULATION TESTER

Model: DI-6400 *ISO-9001, CE, IEC1010* 









The Art of Measurement

### Heavy duty

## **INSULATION TESTER**

Model: DI-6400

#### **FEATURES**

* Digital display, easy and correct read-out.
* Auto-range and multi-function for insulation measurement
of 4/40/400/4000 MΩ(100 V, 250 V, 500 V, 1000 V).
* Insulation measurement with auto discharge function, safety.
* Build in the ACV & DCV & OHMS measurement function.
* Precision 400 ohm & 4000 ohm auto-range easy for
measuring low resistance such as motor windings,
relay coils etc.
* A continuity beeper is equipped in OHM range.
* Data hold function to lock the current reading.
* Lock & Test functions offer worker's safety and easy operation.
* 77 X 49 mm (1.06" height) 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 & automatic circuit discharge.
* Durable & portable housing case with the front protective
cover.
* RS-232 computer interface.
* Powered by AA DC 1.5V X 8 batteries.

GENERAL SPECIFICATIONS				
Display	27 mm (1.06") LCD (Liquid Crystal Display),			
	Max. indication : 6100 ( V ), 4200 ( $M\Omega$ ),			
	4200 (Ω).			
Measurement	Insulation	4/40/400 MΩ /100 V		
		4/40/400/4000 MΩ /250 V		
	4/40/400/4000 MΩ /500 V			
		4/40/400/4000 MΩ /1000 V		
	DCV 600.0 V			
	ACV 600.0 V			
	ОНМ	400.0/4000 Ω		
Sampling Time	0.4 second.			
4000M ohm	Max. approx. 4.0 second.			
Respond Time				
Zero Adjustment	Automatic adjustment.			
Over-input	Indication of " " .			
Operating Temp.	. 0 to 50 $^{\circ}\mathrm{C}$ ( 0 to 122 $^{\circ}\mathrm{F}$ ).			
Operating	Less than 80% R.H.			
Humidity				

Power Supply	1.5V AA ( UM-3 ) battery x 8 PCs,		
	Alkaline or heavy duty battery,		
Power	Approx. 112 mA (100M ohm/1000V range).		
Consumption	Approx. 70 mA (100 M ohm/500V range).		
	Approx. 58 mA (100 M ohm/250V range).		
	Approx. 53 mA (100 M ohm/100V range).		
	Approx. 18 mA ( ACV range).		
	Approx. 18 mA ( DCV range).		
	Approx. 65 mA (0 ohm/OHM range).		
Dimension	225 x 125 x 64 mm (8.86 x 4.92 x 2.52 inch),		
Weight	819 g / 1.80 LB (includes 8 PCs batteries).		
Standard	Instruction Manual1 PC		
Accessories	Test leads ( TL-88 ) 1 set		
	Heavy duty alligators ( AL-05 )1 pair		
Optional	RS232 cable, UPCB-02		
Accessories	USB cable, USB-01		
	Data Acquisition software, SW-U801-WIN		

ELECTRICAL SPECIFICATIONS (23 ± 5  $^{\circ}$ C)

Meg ohm ( Insulation )			
Range	Accuracy	Resolution	
4/40/400/4000 M ohm	± (3% + 5d)	1 K/10 K/0.1 M/1 M ohm	
(100V/250V/500V/1KV)	< 2000 M ohm		
	± (5% + 5d)		
	<i>≥ 2000 M ohm</i>		
	< 4000 M ohm		

OHMS			
Range	Accuracy	Resolution	Open Circuit
			Voltage
400/4000 ohm	± (1% + 2d)	0.1/1 ohm	Approx. 4.7 V
* Overload Circuit Protection AC/DC 500V (within 20 sec)			

DC VOLTAGE			
Range	Accuracy	Resolution	Input Impedance
600 DCV	± ( 1.5% + 2d)	0.1 DCV	10 M ohm
* Overload Circuit Protection AC/DC 600V			

AC VOLTAGE			
Range	Accuracy	Resolution	Input Impedance
600 ACV	± ( 1.5% + 2d)	0.1 ACV	10 M ohm
* Overload Circuit Protection AC/DC 600V			

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