



DIT99BL Series / DIT99BL-BA Series



Carrying Case



Test Leads



Batteries



**Adaptor
(DIT99BL-BA Series)
(Optional)**

Features

- 3½ Digit 15mm Digit Height LCD Display with Backlight
- High Voltage LED Indication
- High Accuracy $\pm \{3\% \text{ rdg} + 2 \text{ dgt}\}$
- 5 Models with various Voltage & MOhm Ranges
- Single Person Push Button Operation
- Designed to Generally Conform to IS 10656 -1983
- Meets Requirement of IEC 61010, Installation Category II, 1000V Phase - Earth
- Terminal Voltage : The terminal voltage shall be within $\pm 25\%$ of rated voltage corresponding to the rated resistance & not less than 75% of rated voltage for the central scale mark
- Carrying Case
- Battery Adaptor (Optional) for DIT99BL-BA Series

Applications

- Ideal for Insulation Resistance Measurement of Electrical Equipment (Motors, Transformers, Machines, etc.)
- Electrical Cables for Distribution Networks
- Cables for Communication Networks
- House Hold Appliances (Washing Machines, Mixer, Toaster, etc.)
- Industrial, Commercial & Residential Installations

Model	Range	Test Voltage DC	Resolution
DIT99BL-A / DIT99BL-A (BA)	0 - 20 M Ohms	100 V	0.01 M Ohms
DIT99BL-B / DIT99BL-B (BA)	0 - 200 M Ohms	250 V	0.1 M Ohms
DIT99BL-C / DIT99BL-C (BA)	0 - 200 M Ohms	500 V	0.1 M Ohms
DIT99BL-D / DIT99BL-D (BA)	0 - 200 M Ohms	1000 V	0.1 M Ohms
DIT99BL-E / DIT99BL-E (BA)	0 - 2000 M Ohms	1000 V	1 M Ohms

Specifications

Display	3½ Digit LCD Display with Backlight, 15mm Digit Height, 1999 Count (Max.)
H.V. Warning	Red LED Indicator for High Voltage Warning
Accuracy	$\pm \{3\% \text{ rdg} + 2 \text{ dgt}\}$ at $27^\circ\text{C} \pm 5^\circ\text{C}$
Conversion Rate	2.5 sec
Over-Range Indication	"1" is Displayed
Operating Temperature	0° to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	80% Maximum
Low Battery	' ⏏ ' is Displayed when Battery Voltage drops below Operating Voltage
Dielectric Strength	3.5 KV @ 50Hz for 1 min. between Input Terminals & Case
Insulation Resistance	More than 50MOhm at 500V between Circuit & Case
Power	1.5V 'AA' x 6 Batteries
Dimensions	145 (L) x 93 (H) x 58 (W) mm (approx.)
Weight	370gms Including Battery (approx.)
Accessories	Test and Calibration Certificate, Pair of Crocodile / Alligator Test Leads (Red & Black) x 1, Carrying Case x 1, 1.5V AA Batteries (Fitted - In) x 6, Instruction Manual x 1, Battery Adaptor (Optional) for DIT99BL-BA Series [AC/DC Adaptor Input : 100 - 240V, 50 / 60Hz, 0.3A, Output : 9V \approx 500mA]
Ordering Information	Model, Battery Adaptor (optional)