



**Product Kit**



Batteries



Insulation Resistance Measurement Test Leads



**DIT 954**



AC Adaptor



Phase Sequence Measurement Wire



Heavy Duty Carrying Bag

**Introduction**

MECO DIT 954 is a 5KV Digital Insulation Testers with 3½ Digit (1999 Counts) Large Display and Backlight. This Measures Insulation Resistance upto 200GΩ, AC Voltage upto 600VAC and check Phase Sequence and Phase Status Indication. It is ideally suited for testing of Insulation Resistance and Voltage of Transformers, Switches, High Voltage Systems, Generator, Cables, Appliances, Motors, Power Capacitors etc.

**Features**

- 3½ Digit (1999 Counts) Large LCD Display
- Range Selection & Single Person Push Button Operation
- LCD with Green Backlight
- Data Holding Function
- Display with Annunciators
- Measurement of AC Voltage upto 600V
- Measurement of Phase Sequence Between (Phase - Phase Voltage) with LED Indicators & Beep Facility
- Auto Range (Insulation Test)
- Red LED Indicator for HV (High Voltage)
- Inbuilt Protection Circuit to prevent the harm of reverse Voltages.
- Battery Operated with AC Adaptor
- Suitable for Calculating PI & DAR (Manually)
- As per IS10656-1983
- As per EMC Standard IEC 61326-1 Class B
- Over Voltage CAT III, 600V
- As per Safety Standard IEC/EN 61010-1 & 61010-31
- IP 44 Protection

**Electrical Specifications**

Accuracy : ±(% reading + digits) at 23°C ±5°C; RH ≤ 75%

Specification	Test voltage	Range	Resolution	Test Current	Accuracy
Insulation Resistance	1000V / 2500V / 5000V DC	0.1MΩ to 200MΩ	0.01MΩ to 0.1GΩ	2mA (Maximum)	±(3% + 5)
		200MΩ to 10GΩ			±(5% + 5)
		10GΩ to 200GΩ			±(10% + 5)
AC Voltage Measurement	-	0 ~ 600VAC (40 ~ 60Hz)	1V	-	±(2% + 5)
Phase Sequence Test	-	100V ~ 450V (Phase to Phase) 40 ~ 60Hz	-	-	-

**General Specifications**

<b>Display</b>	3½ Digit (1999 Counts) Large LCD Display with 29mm Digit Height
<b>Over-Range Indication</b>	'1' is displayed
<b>Operating Temperature</b>	0°C to 40°C (RH ≤ 80%)
<b>Storage Temperature</b>	- 10°C to 50°C (RH ≤ 75%)
<b>Power</b>	12V (Eight x 1.5V "AA" Battery) with AC Adaptor
<b>Dimensions</b>	190 x 155 x 75mm (approx.)
<b>Weight</b>	900 gms including batteries (approx.)
<b>Standard Accessories</b>	Test and Calibration Certificate, Insulation Resistance Measurement Test Leads for High Voltage x 1 Set, Phase Sequence Measurement Wires x 1 set, AC Adaptor x 1 pc, 1.5V "AA" Batteries x 8 pcs, Heavy Duty Carry Bag x 1 pc, Instruction Manual x 1 no.