



**DIT 954 / DIT 954R**

**Product Kit**



Batteries (DIT 954)      Insulation Resistance Measurement Test Leads



Phase Sequence Measurement Wire



Heavy Duty Carrying Bag



Built-In Rechargeable Batteries (DIT 954R)



AC Adaptor

**Introduction**

MECO - DIT 954 / DIT 954R are 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.

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

**General Specifications**

Display	3½ Digit (1999 Counts) Large LCD Display with 29mm Digit Height
Over-Range Indication	'1' is displayed
Operating Temperature	0°C to 40°C (RH ≤ 80%)
Storage Temperature	- 10°C to 50°C (RH ≤ 75%)
Power	12V (Eight x 1.5V "AA" Battery) [For DIT 954 and Rechargeable for DIT 954R] with AC Adaptor
Dimensions	190 x 155 x 75mm (approx.)
Weight	900 gms including batteries (approx.)
Standard Accessories	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 for DIT 954, 1.5V "AA" Rechargeable Batteries x 8 pcs for DIT 954R, Heavy Duty Carry Bag x 1 pc, Instruction Manual x 1 no.