



Product Kit



Batteries



Insulation Resistance
Measurement Test Leads



DIT 954-6R



Heavy Duty
Carrying Bag



AC Adaptor

Introduction

MECO DIT 954-6R is 5KV Digital Insulation Testers with 3½ Digit (1999 Counts) Large Display and Backlight. This Measures Insulation Resistance upto 200GΩ. It is ideally suited for testing of Insulation Resistance 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
- 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
- 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	100V / 250V / 500V DC	0.1MΩ to 200MΩ	0.01MΩ to 0.01GΩ	2mA (Maximum)	±(3% + 5)
		200MΩ to 10GΩ			±(5% + 5)
		10GΩ to 20GΩ			±(10% + 5)
	1000V / 2500V / 5000V DC	0.1MΩ to 200MΩ	0.01MΩ to 0.1GΩ		±(3% + 5)
		200MΩ to 10GΩ			±(5% + 5)
		10GΩ to 200GΩ			±(10% + 5)

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) with AC Adaptor
Dimensions	190 x 155 x 75mm (approx.)
Weight	900 gms including batteries (approx.)
Standard Accessories	Test and Calibration Certificate, Insulation Resistance Measurement Test Leads for High Voltage 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.