



Product Kit



Insulation Resistance
Measurement Test Leads

Adaptor &
Batteries



DIT954



Heavy Duty Carry Case
Phase Sequence
Measurement Wire

Introduction

MECO - DIT 954 is a 5KV Digital Insulation Tester with 3½ Digit (1999 Counts) Large Display and Backlight. It measures Insulation Resistance upto 200GΩ, AC Voltage upto 600VAC and checks Phase Sequence and Phase Status Indication.

Features

- 3½ Digit (1999 Counts) Large LCD Display
- Range Selection & Single Person Push Button Operation
- LCD with Green Back Light Function with Indicator Switch
- 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 200GΩ	±(3%rdg+5 dgt.)	0.01MΩ
AC Voltage Measurement	0 - 600VAC (40 - 60Hz)	-	±(2%rdg+5 dgt.)	1V
Phase Sequence Test	100V - 450V (Phase - Phase) 40 - 60Hz	-	-	-

General Specifications

Display	3½ Digit (1999 Counts) Large LCD Display with 29mm Digit Height
Accuracy	±(3%rdg+5 digit) for Insulation Resistance Range ±(2%rdg+5 digit) for AC Voltage Measurement
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 (8X1.5V) (R6AA size batteries) or AC Adaptor 12VDC
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, 1.5V AA Batteries x 8 Heavy Duty Carry Case x 1 Instruction Manual x 1