



Introduction

MECO - DIT 918 is a 2.5KV Digital Insulation Tester with 3½ Digit (1999 Counts) Large Display. It measures Insulation Resistance upto 20GΩ and AC Voltage upto 600VAC. It is ideally suited for testing of Insulation Resistance and Voltage of Transformers, Switches, High Voltage Systems, Cables, Appliances, Motors etc.

Features

- 3½ Digit (1999 Counts) Large LCD Display
- High Accuracy for Insulation Measurement and for AC Voltage Measurement
- Range Selection & Single Person Push Button Operation
- Data Holding Function, Function Icons on Display
- Measurement of AC Voltage upto 600VAC
- Auto Range (Insulation Test)
- Red LED Indicator for HV (High Voltage)
- Battery Operated
- As per IS10656-1983
- As per Safety Standard IEC/EN 61010-1 & 61010-31
- Over Voltage CAT III, 600V
- As per EMC Standard IEC 61326 Class B

Electrical Specifications

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

Specification	Test voltage	Range	Accuracy	Resolution
Insulation Resistance	500V / 1000V / 2500V DC	0.1MΩ to 200MΩ	±(3%rdg+5 dgt.)	0.01MΩ to 0.01GΩ
		200MΩ to 10GΩ	±(5%rdg+5 dgt.)	
		10GΩ to 20GΩ	±(10%rdg+5 dgt.)	
AC Voltage Measurement	0 ~ 600VAC (40 ~ 60Hz)	-	±(2%rdg+5 dgt.)	1V

General Specifications

Display	3½ Digit (1999 Counts) Large LCD Display with 20 mm Digit Height
High Voltage Indication	✓
Data Hold	✓
Low Battery Indication	✓
Low Resistance Warning	✓
Operating Temperature	0°C to 40°C (RH ≤ 80%)
Storage Temperature	- 10°C to 50°C (RH ≤ 85%)
Power	9V (Six 1.5V "AA" Battery)
Dimensions	150 x 100 x 70mm (approx.)
Weight	680 gms including batteries (approx.) for DIT 918 Meter only, Weight of Accessories extra
Standard Accessories	Insulation Resistance Measurement Test Leads x 1 Set 1.5V AA Batteries x 6 pcs Carrying Bag x 1 pc Instruction Manual x 1 pc