



Product Kit



Insulation Resistance Measurement Test Leads



DIT918



Alkaline Batteries



Carrying Bag

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, 300V
- 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 (AA Size x 6pcs Alkaline Batteries) |
| 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 |