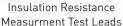


# 2.5kV - 20G $\Omega$ Digital Insulation Tester with AC Voltage Function













Alkaline Batteries

Carrying Bag

## Introduction

MECO - DIT 918 is a 2.5KV Digital Insulation Tester with  $3\frac{1}{2}$  Digit (1999 Counts) Large Display. It measures Insulation Resistance upto  $206\Omega$  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	$0.1 \text{M}\Omega$ to $200 \text{M}\Omega$	±(3%rdg+5 dgt.)	0.01MΩ to 0.01GΩ
		200Μ $\Omega$ to 10G $\Omega$	±(5%rdg+5 dgt.)	
		10G $\Omega$ to 20G $\Omega$	±(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		