

MIR-505

High Voltage Insulation Tester

Overview:

The high voltage insulation resistance tester is a handheld instrument designed primarily to make AC/DC voltage, resistance, and Continuity test / insulation resistance measurement

Features:

- Wide range measurements from 500V to 5000V and up to 60GΩ.
- Large 6000 count digital display with bargraph and backlight.
- Polarization index measurement (PI).
- Auto ranging & Timer measurement function.
- Indication of output voltage and discharge voltage.
- Auto-discharge function and voltage output warning function.**
- Auto power off and battery check.
- MAX/MIN, PEAK, Relative value & Data hold functions for DC/AC voltage measurements.



Pakage includes:

- 3 x One plug test lead to one alligator clip (Red,Black,Green)
- 1 x Two plug test lead to one alligator clip (Red)
- 9V battery
- Carrying hard case
- Instruction manual

Insulation Resistance Measurement						
Rated Voltage	500 V	1000 V	2500 V	5000 V		
Measuring Range (Auto-Ranging)	0.005 to 6.000MΩ	0.005 to 6.000MΩ	0.05 to 60.00MΩ	0.05 to 600.0MΩ		
	6.01 to 60.0MΩ	6.01 to 60.0MΩ	60.1 to 600.0MΩ	60.1 to 6000MΩ		
	60.1 to 600.0MΩ	60.1 to 600.0MΩ	0.61 to 6.00GΩ	0.61 to 6.00GΩ		
Open Circuit Voltage	DC 500V	DC 1000V	DC 2500V	DC 5000V		
	+20%, -0%	+20%, -0%	+20%, -0%	+20%, -0%		
Rated Current	1 to 1.2mA (at 0.5MΩ load)	1 to 1.2mA (at 1MΩ load)	1 to 1.2mA (at 2.5MΩ load)	1 to 1.2mA (at 2.5MΩ load)		
	(Recommended use of power Adaptor)					
Short-Circuit Current	Apprx. 1mA					
	±2.5%Reading ±15 Digits (at 0.005 to 600.0MΩ)					
	±3%Reading ±15 Digits (at 0.6 to 6.00GΩ)					
Accuracy	±4%Reading ±15 Digits (at 6.1 to 60.0GΩ)					
DC/AC Voltage Measurement						
DC Voltage	0.5 to 600.0 V	0.1 V	± 1.0%reading ± digits			
AC Voltage (40 to 400Hz)	0.5 to 600.0V	1.0 V	reading±5digits (40 to 60Hz) ±2.5%reading±10digits (61 to 400Hz)			
Low Resistance measurements & Continuity Check						
Resistance (Auto-Ranging)	0.12 to 600.0	0.1Ω	1.5 %reading ±10 digits			
	601 to 6.00kΩ	0.001kΩ	±1.5 %reading ±15 digits			
Continuity Buzzer : ≤ 50Ω						
Short Circuit Current : ≥ 200mA						
Open Circuit Test Voltage : ≥ 4.5 V						

