

UDEY

INSULATION TESTER: UHM-Series



Features

- Battery powered; Model UMH-255C battery + mains powered
- Test voltages of 2500V; 5000V; 10,000V DC
- Resistance up to 400 Giga ohm
- Dual color coded scales for high and low resistances
- Automatic change of high and low resistances ranges
- Low power consumption
- Hard carrying case with test leads

UDEYRAJ ELECTRICALS PRIVATE LIMITED
[international source for power utility T & M equipments]

212-A H.S. Industrial Estate,
85/86 MV Road, Mumbai 400 059
www.udeyraj.com e-mail:udeyraj@vsnl.com

SPECIFICATIONS

Model: UHM-255C is same as UHM-255 except that this model can also be used power supply of mains 220V AC, 50 Hz.

Model		UHM-255		UHM-5010	
DC Test Voltage		2500V	5000V	5000V	10000V
Measuring Ranges		0-2 Gohm 1-100 Gohm (automatic change)	0-5 Gohm 2-200 Gohm (automatic change)	0-5 Gohm 2-200 Gohm (automatic change)	0-10 Gohm 4-400 Gohm (automatic change)
Accuracy	Insulation Resistance	±5% of reading (0.1-50 Gohm) ±10% of reading or 0.5% of scale length (ranges other than listed above) at 18-28°C ±10% of reading (0.1-50 Gohm) ± 20% of reading or 1.0% of scale length (ranges other than listed above) at -10 to + 40°C	±5% of reading (0.2-100 Gohm) ±10% of reading or 0.5% of scale length(ranges other than listed above) at 18-28°C ±10% of reading (0.2-100 Gohm) ± 20% of reading or 1.0% of scale length (ranges other than listed above) at -10 to + 40°C	±5% of reading (0.2-100 Gohm) ±10% of reading or 0.5% of scale length (ranges other than listed above) at 18-28°C ±10% of reading (0.2-100 Gohm) ±20% of reading or 1.0% of scale length (ranges other than listed above) at -10 to + 40°C	±5% of reading (0.4-200 G) ±10% of reading or 0.5% of scale length (ranges other than listed above) at 18-28°C ±10% of reading (0.4-200 Gohm) ±20% of reading or 1.0% of scale length (ranges other than listed above) at -10 to + 40°C
	Output Voltage	2500V±5% (0.1-50 Gohm)	5000V±5% (0.2-200 Gohm)	5000V±5% (0.2-100 Gohm)	10,000V±5% (0.4-200 Gohm)
Operating Temperature: -10°C ± 40°C at 85% max Relative humidity					
Storage Temperature & Humidity: : -20°C + 60°C at 90% max Relative humidity					
Insulation Resistance: 1000M max / 1000V between electrical circuit and housing case					
Withstand Voltage: 5000V AC for one minute between electrical circuit and housing case					
Dimensions: 200 (L) x 140 (W) x 80 (D) mm					
Weight: Approx Lkg (Including batteries & line probe)					
Power source: 8 pcs of 1.5V SUM -3 battery of equivalent; UHM-255C besides battery, is also powered by mains 220V AC.					
Accessories : Hard Carrying case, Batteries, Test leads (Earth & Guard leads)					

Cat.# UHM-2009

Due to constant up gradation specs subject to change without notice