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Test & Measurement

- > sales
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Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

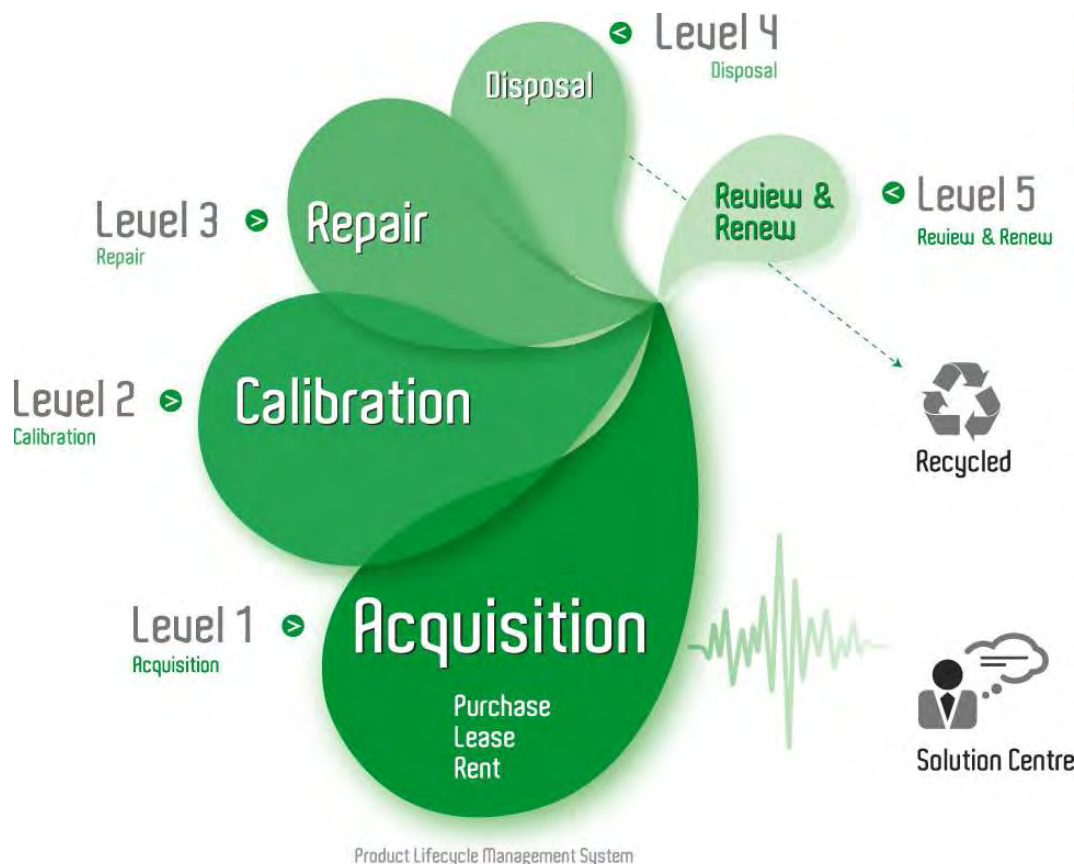
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Product Lifecycle Management System

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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
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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