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Test & Measurement

- > sales
- > rentals
- > calibration
- > repair
- > disposal

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.

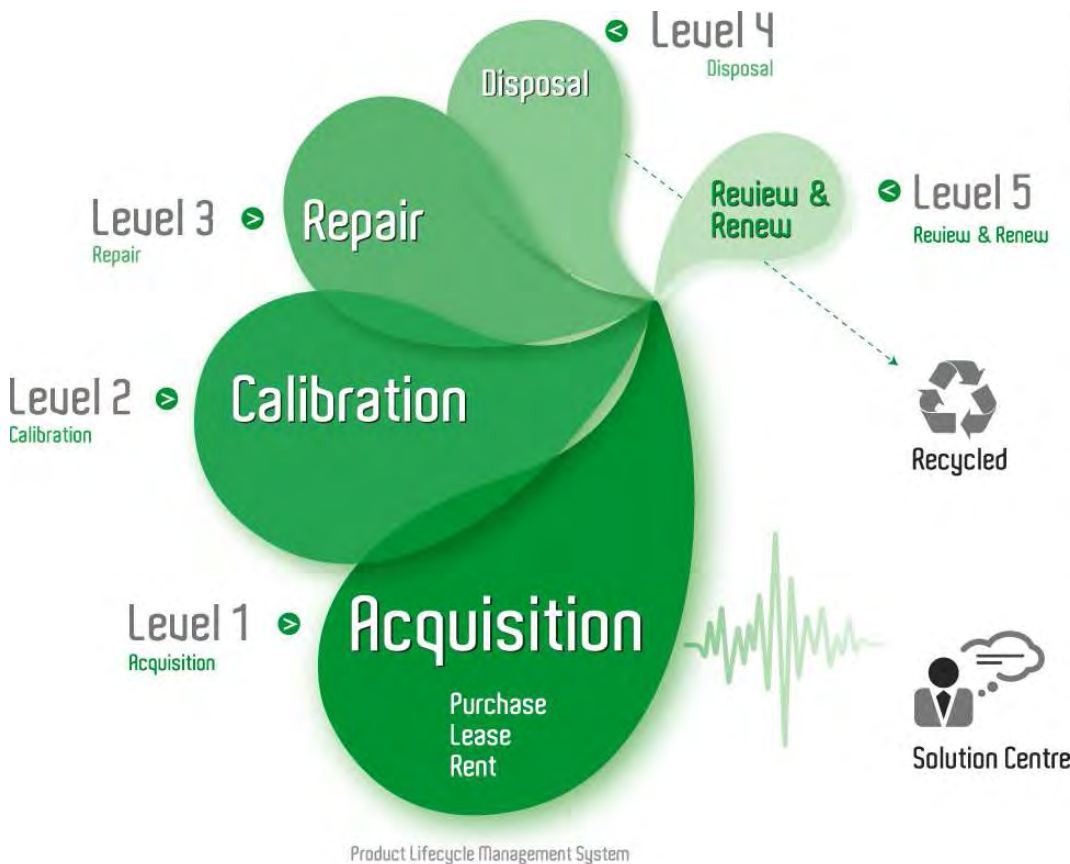
TMG will assist if you are unsure whether this model will suit your requirements.

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

If you click on the "Click-to-Call" logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



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UDEY[®]

MILLION MEGOHM METER

Series MM.



Features

- Push button controls for rapid testing
- Tests at 63 V, 100 V, 500 V DC
- Direct reading meter- range 10 meg ohm to 10⁷ meg ohm
- Solid-state circuits protect against overload and short circuits
- Completely solid state – drift free test voltage and control circuitry
- Guard circuit for grounded or ungrounded operation
- Clear easy to understand front legend plate
- Front panel test lead connections

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Application

'UDEY' million megohm meters series MM are useful for testing the insulation resistance of transformers, motors, cables, insulation materials, test electronic components such as capacitors, insulators, semi-conductors, switches, connectors, potentiometers, chokes, coils, and many more.

Limited energy prevents damage to item under test and eliminates the risk of serious shock to test personnel..

A solid-state amplifier is used in conjunction with an analog meter to indicate the insulation resistance value of the item under test. Because it is completely solid-state, the amplifier requires no warm up time, does not drift and does not need calibration prior to each test. The large, easily read meter is non-reflective and equipped with mirrored scale and knife edge pointer. It is heavily damped to provide stabilized readings and to give protection while charging capacitive loads.

Output test voltage across the output terminals can be measured on the meter periodically to ensure that proper test voltage is being applied to the item under test.

Series MM check insulation resistance in the range of 10 meg ohm to 10^8 meg ohm after one minute of charging. Solid- state ultra stabilized test voltage, control circuit and rugged meter movement permits measurement of insulation even with capacitive loads.

Separate push button controls and visual indications for 'CHARGE' and 'DISCHARGE' function are ideally suited for rapid and safe testing.

Specification

MODEL	: MM-1.
INPUT	: 240 Volts \pm 10 %, 50 Hz AC single phase.
DC TEST VOLTAGE	: 63 V, 100 V, & 500 V \pm 2%.
RESISTANCE RANGE	: 10 Meg Ohm to 10^7 Meg ohm, in 5 steps.
WARM UP TIME	: One minute.
METER	: Self shielded, mirrored scale, knife-edge pointer meter.
PROTECTION	: Overload and short circuit protected.
CONSTRUCTION	: Powder coated, sheet metal cabinet with lifting handles and foldable legs.
DIMENSIONS (WxDxH)	: 470 x 260 x 190 mm
WEIGHT	: 8 kg
ACCESSORIES	: Mains cord. Shielded test leads. Instruction manual.