LUMETRON®

LUMETRONICS

• Custom built Test Equipment
• Photometry
• Safety & Compliance
• Physical & Material
• Electro-Mechanical
• Environmental
• Calibration Services

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LUMETRON SIT-50 SERIES Spring Operated Impact Hammers





SIC-50 Spring Operated Impact Hammer Calibrator

The ***LUMETRON SIT-50 Series Spring Operated Impact Hammers***, from LUMETRONICS, are designed and manufactured to perform the test specified in many standards to determine compliance with requirements concerning Mechanical Strength. Mechanical strength test to verify the quality & safety characteristics of products, as required by national & international safety regulatory agencies such as BIS, UL, CSA, VDE, BSI, DIN, IEC, etc can be conducted with this equipment.

The Impact Hammer test is designed to check that the test specimen will withstand rough handling that may be expected in normal use. Protection against mechanical damage can be checked by applying blows with the Impact Hammer.

It is a precision engineered test instrument. Its construction and calibration confirms with the requirements of ***IEC 60068-2-75*** and other international and national standards. The instrument uses precision components for accurate results in laboratory or field use and can be used to test Electrical Appliances, Electrical Wiring Accessories, Luminaires, Connectors, etc. It is supplied with calibration report & comprehensive users manual. Several models are available.

FEATURES

- Meets requirements of the latest IEC specifications as per IEC 60068-2-75.
- Precision engineered test instrument manufactured according to the relevant standards.
- Consists of Body, Striking element and Release cone having calibrated mass and dimensions.
- Three models with Single, Dual or Multiple impact energy options.
- Polyamide hammer head of specified hardness.
- Supplied in a compact carrying case.
- Precisely calibrated using IEC specified techniques. (For details, refer to IEC 60068-2-75 for the calibration details and equipment)

SPECIFICATIONS

- Type : Spring Operated Impact Test Hammer

MODEL	*RANGE*	*TYPE*	*ACCURACY*
LUMETRON SIT-502	: 0.20 J	Single Range	± 0.02 J
LUMETRON SIT-503	: 0.35 J	Single Range	± 0.03 J
LUMETRON SIT-505	: 0.50 J	Single Range	± 0.04 J
LUMETRON SIT-507	: 0.70 J	Single Range	± 0.05 J
LUMETRON SIT-501	: 1.00 J	Single Range	± 0.05 J
LUMETRON SIT-50D	: 0.50 & 1.00 J	Dual Range	Refer specs. above
LUMETRON SIT-50M	: 0.20, 0.35, 0.50, 0.70 & 1.00 J	Multi Range	Refer specs. above

- Calibration : As per IEC 60068-2-75
- Weight of Body : 1.250 kg, ± 0.010 kg
- Weight of Striking Element : 0.250 kg, ± 0.001 kg
- Weight of Release Cone : 0.060 kg, ± 0.001 kg
- Hammer Head Radius : 10 mm, ± 0.2 mm
- Dimensions : 51 mm diameter x 320 mm long without actuating

on the web @ lumetron.com

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