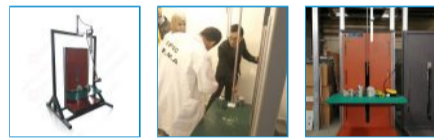


Product Categories

- Goniophotometer >
- Spectroradiometer >
- Integrating Sphere >
- LED Test Instruments >
- CFL Testing Instruments >
- Photometer and Colorimeter >
- EMI and EMC Test Systems >
- Electronic Ballast Tester >
- Electrical Safety Tester >
- Environmental Test Chamber >
- Plug and Switch Testing >
- AC and DC Power Supply >
- Object Color and Glossiness Test >
- Mask Produce and Test Machine >
- Electronic Components Test >



IK Level Tester

Product No: IK07-10

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The most of luminaires manufacturers are requested to do IK level test (Impact Protection). LISUN can supply the IK test instrument.

IK ratings are defined as IKXX, where "XX" is a number from 00 to 10 indicating the degrees of protection provided by enclosures (including luminaires) against external mechanical impacts. The different IK ratings relate to the ability of an enclosure to resist impact energy levels measured in joules (J). [IEC62262](#) specifies how the enclosure must be mounted for testing, the atmospheric conditions required, the quantity and distribution of the test impacts and the impact hammer to be used for each level of IK rating. The IK test applicate on lighting luminaires test according to [IEC60598 \(GB7000\)](#) and [IEC60068-2-75 \(GB2423.55\)](#).

Degrees of protection against external mechanical impacts:

IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
0.14J	0.2J	0.35J	0.5J	0.7J	1J	2J	5J	10J	20J

The IK07-10 is applied for IK07, IK08, IK09 and IK10 test.

Related Applications

- Automotive Electronics Test Solutions
- Household Appliances Test Solutions
- Plug and Switch Test Solutions
- LEDs and Luminaire Test Solutions

Related Technical Articles

- IK01-10 IK Level Tester is Designed According to IEC 60068-2-75: Tests- Test Eh: Hammer tests.
- Basic Environmental Test for Luminaire According to IEC 60068
- IEC 62262 for LED Luminaries IK code Protection level Test
- CE-LVD Low Voltage Directive Overview
- AMA: LED Street Light above 3000K Bears More Health Risks
- IEC60598 General Requirements and Testing
- LISUN Moves to New Office

Related Successful Case

- Saudi Arabia-Free installation and training for the customer who purchased the JL-34 Swing Pipe Water Spray Test Equipment and IK07-10 Level Tester
- Germany – Installation and training for SC-015 Dustproof Testing Machine and JL-34 & JL-56

Related Products

- | | | | |
|--|---|-----------------------------|---|
| <p>GDJS-015B High and Low Temperature Humidity Chamber</p> | <p>IK01-06 Spring Impact Hammer IK Level Tester</p> | <p>JL-X Waterproof Test</p> | <p>SC-015 Dustproof Testing Machine</p> |
|--|---|-----------------------------|---|



Costa Rica – Installation and training Integrating Sphere Test System, dustproof and waterproof test equipment, EMI/EMC test machine, etc.

Malaysia – Installation and training for dustproof and waterproof test machine, IK level tester

Brazil – LISUN engineer provide installation and training for integrating sphere, goniophotometer, waterproof test and IK level test systems

Costa Rica – Installation for constant temperature integrating sphere, IK level tester and IP waterproof test

Poland – Jacky Installed environmental chamber, IK level tester and dustproof test

Algeria – National Lab Ordered Whole LED Lighting Test Systems from Lisun Group

Ecuador – Install IP waterproof dustproof test chamber, temperature humidity chamber and IK level test

Malaysia and Indonesia – Training for integrating sphere and goniophotometer systems

