

## Spring Operated Impact Hammer

### 1. Reference Standards:

This Spring Impact hammer is strictly designed according to IEC60068-2-75, IEC884 and UL1244 GB/T2423.55-2006, GB4706.1, GB8898 and GB7000 standards. It is used to test the mechanical integrity of product enclosures.

After applying the impact with the hammer, the product is examined with accessibility probes to determine access to shock, energy, and injury hazards. Built in exact accordance to IEC\EN, \UL\CSA and other international Standards.

### 2. Application:

Impact hammers are used to check the durability of enclosures for electrical appliances of other electronic products. If damage occurs from the Impact Hammer test. Accessibility probes can be used to measure the extent or severity of the damage. The Impact Hammer simulates the mechanical impact to which electrical equipment may be subjected.

This hammer is mainly used to test household and similar electrical appliances shell, lever, handle, knobs, lights and other shell to withstand mechanical shocks. The impact tester made of stainless steel.

### 3. Types:

Spring Operated	Energy	Tolerance Mistake
Impact Hammer	0.14J	±0.014J
	0.20J	±0.02J
	0.35J	±0.03J
	0.50J	±0.04J
	0.70J	±0.05J
	1.00J	±0.05J
	2.00J	±0.10J

Model AUTO-103: Single impact force models(0.14J,0.20J,0.35J,0.50J,0.70J,1.0J,select);

Model AUTO-102: Impact force: 2.0J ± 0.10J;

Model AUTO-106: Adjustable models available in impact energies of 0.14, 0.20,0.35,0.50,0.70 and 1.0J(material is stainless steel);

**4. Technical parameters:**

Length:211mm;Weight:1250g; OD:50 mm;Hammer Weight:60g;Hammer radius:10mm ;  
Impact Components:including the hit ball handle the hammer,weight 250g, hammer  
head is made from white polyethylene imine first;  
The release force of impact :<10N.

