



Application:

This Impact Tester is used to determine the impact toughness of non-metallic material such as rigid plastics, fibre reinforced composite material, nylon, glass, ceramics, cast stone, asbestos board, electrical insulating material, etc. It is suitable for notched and unnotched specimen.

Standard:

ISO179,ISO180, ASTM D256 and the equivalent.

Specifications

MODEL	HPIT-5.5JXT	HPIT-50JXT
Impact energy	For Izod: 5.5J,2.75J For Charpy: 1J,2J,4J,5J	For Izod: 5.5J,11J,22J For Charpy: 7.5J,15J,25J,50J
Elevation in advance	150°(accuracy 0.01°)	150°(accuracy 0.01°)
impact speed	3.5m/s,2.9m/s	3.5m/s,3.8m/s
Measurement resolution	0.01J	
Pendulum center distance	Izod: 335mm; Charpy:230mm	
Pendulum angle	150°	
Measurement accuracy	±0.1%	
Resolution	0.03%	
Impact blade to the surface distance of the tongs	22mm±0.05mm	
Corner radius of striking	Izod : R=0.8mm; Charpy:R=2mm±0.5mm	
Output mode	Printout	
Power	AC220V±10% 50HZ	

Features:

- 1.Cantilever beam and simply supported beam are integrated impact, no need to disassemble the clamp and sample holder
- 2.High-precision intelligent controller, equipped with liquid crystal display, can read data intuitively and accurately
3. Using imported high-resolution digital encoder, angle test accuracy is higher and more stable
4. The impact hammer and imported ball bearings conforming to the principle of aerodynamics greatly reduce the friction loss caused by the machine
- 5.loss caused by the machine
6. Automatically calculate the final result, the test data can save 24 groups of data and average
7. English operation interface can be selected, test results can be selected in units such as J/m,KJ/m²,kg-cm/cm, ft-ib/in, etc.

