

## Pendulum Impact Tester with Simple Supporting Beam



Pendulum Impact Tester with Simple Supporting Beam is suitable for the determination of impact toughness of non-metallic materials such as hard plastics, reinforced nylon, fiberglass, ceramics, cast stone and electric insulating materials. In the test of various hard materials

The toughness of a plastic material is determined by the amount of energy it can absorb when struck at a certain Angle and weight.

This machine is a detection instrument with simple structure, beautiful shape, convenient operation and accurate data. The display mode is divided into pointer dial display. The product conforms to ISO179,

180, GB/T1043, 1843, ASTM D256, JB8762, JB8761, ISO9854, GB18743 and other standards.

The pendulum impact testing machine complies with the international standard ISO180-1992 "Plastics-Determination of the impact strength of cantilever beams" and the national standard GB/T1843-1996 "Hard materials"

Plastic cantilever beam impact test method, mechanical industry standard JB/T8761-1998 Plastic cantilever beam impact tester.



## 2. Main technical parameters:

1. Capacity: 30, 50, 150KG-CM selection
2. Impact speed: 3.5M/SET (11T/SEC)
3. Pendulum energy: 2.75J, 5.5J
4. Test Angle: 150°
5. Blade radius:  $R=0.8\pm0.2\text{mm}$
6. Distance from the blade to the jaw:  $22\pm0.2\text{mm}$
7. Impact blade Angle:  $37^\circ \pm 1^\circ$
8. Volume: about 550X400X690mm
9. Weight: about 50kg