

XJJD-T 5J Digital Display Plastic Charpy Impact Testing



(Picture just for reference)

1. Product introduction:

The digital display simply supported beam impact tester is mainly used for the determination of the impact toughness of non-metallic materials such as hard plastics, reinforced nylon, glass fiber reinforced plastics, ceramics, cast stones, and electrical insulating materials. It is an ideal testing equipment for chemical industry, scientific research institutes, colleges and universities, quality inspection and other departments.

2. Executive standard:

- ISO179-2000 "Plastic-Hard Material-Determination of Impact Strength of Simply Supported Beams"
- GB/T1043-2008 "Impact test method of rigid plastic simply supported beam"
- JB/T8762-1998 "Plastic Simply Supported Beam Impact Testing Machine"
- GB/T18743-2002 "Thermoplastic pipe simply supported beam impact test method for fluid transportation" (applicable to pipe fittings)

3. Technical specifications:

- Display mode: color touch screen English
- Angle sensor brand and accuracy: original imported Omron encoder with accuracy to 0.01°
- Accuracy of energy display: 0.01J
- Impact speed: 2.9m/s
- Pendulum energy: 1J, 2J, 4J, 5J
- The distance from the center of the pendulum to the center of the sample: 230mm
- Pendulum angle: 150°
- Jaw support spacing: 40mm, 60mm, 70mm, 95mm
- Supporting blade fillet radius: R=1mm
- Included angle of impact blade: 30°
- Impact blade fillet radius: R=2mm±0.5mm

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