



Charpy/ Izod Impact Tester LD-TCI-A10

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Overview

Charpy/ Izod Impact Tester TCI-A10 comes with LCD digital display, pendulum design which concentrates energy at the impact point with minimum energy loss which occurs due to vibrations. It comes with broad range of measurement methods like test for split strength, impact intensity, fore elevation, ascending angle, statistics function, and automatic correction energy loss. With high precision & performance this charpy/ Izod Impact Tester is complied in accordance with ISO 179 for charpy, ISO 180, ASTM D256 for Izod test methods.

Features:

- Innovative design impact tester used for both Izod and Charpy test
- Adopted with LCD digital display to view measuring circle angle
- Pendulum up angle 160°
- Precise impact speed and center distance values for Charpy & Izod materials
- Resolution of impact energy 0.001 J
- Can be connected to mini printer to print results

Applications:

It is used to test plastic sheets, glass-steel sheets, plastic pipe & other non-metallic materials sheets or insulators of plastic for anti-impact, anti- charpy intensity.

Specifications:

Power	110V/ 220V , 60Hz/ 50Hz
Weight	190 kg
Dimension	460×330×745 mm
Pendulum up angle	160°
Impact energy (Izod)	3.5 m/s for 1J, 2J, 4J, 5J, 7.5J, 15J, 25J
Resolution of impact energy	0.001 J
Impact Speed & Energy (charpy)	2.9 m/s for 1J, 2J, 4J, 5J & 3.8 m/s for 7.5J, 15J, 25J
Impact center distance (Izod)	322 mm
Radius of striking edge (IZOD)	0.8 mm
Impact center distance (Charpy)	221 mm for 1J, 2J, 4J, 5J & 380 mm 7.5J, 15J, 25J
Radius of striking edge (Charpy)	2.0 mm
Charpy distance between the clamps	40 mm, 60 mm, 70 mm, 95 mm

Distance between jaw & impact edge:	22mm
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