

# XJJU-50A Digital IZOD and Charpy Impact Testing Machine



This machine is used for determining the rigid plastics, strengthen the impact toughness of nonmetallic materials such as nylon, glass fibre reinforced plastic, pottery, cast stone, plastic electric apparatus, insulating material.

This machine adopts the technology of photoelectric encoder to examine angle, the whole digital measures the material absorption energy and impact intensity of the material in the course of breaking, and possess intact energy and lose detection and revision function.

The XJJU-50A has high precision, stability and a large test range. The tester is a universal digital impact testing machine.

By changing the weight on the pendulum, many test results can be obtained.



## Specifications

Parameters	XJJU-50A	
Impact Method	Charpy	IZOD
Impact energy	7.5J, 15J, 25J, 50J	5.5J, 11J, 22J
Energy Accuracy	0.5 %	0.5 %
Impact speed (m/S)	2.9; 3.8	3.5
Pendulum moment	Pd7.5 = 4.0192 Nm / Pd15 = 8.0385 Nm Pd25 = 13.397 Nm/ Pd50 = 26.795 Nm	Pd5.5 = 2.94744Nm/ Pd11 = .8949Nm Pd22 = 11.7898Nm
Reading resolution	0.001J	0.001J
Raising angle	150°	150°
Round angle radius	R=2mm±0.5mm	R=0.8mm±0.2mm
Impact center distance	395mm	335mm
Power supply	1 Phase, 220V, 50Hz/60Hz	
Dimension & Weight	550mm×350mm×850mm, 160kg	

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