

## Charpy Impact Testing Machine



XJJ-50

XJJ Charpy (simple-beam) Impact Testing Machine mainly is used for determining the rigid plastics, strengthen the impact toughness of nonmetallic materials such as nylon, glass fiber reinforced plastic, pottery, cast stone, plastic electric apparatus, insulating material. They are essential testing instruments for quality testing section, university and college, research institution and industrial and mining enterprise. the test according to ISO179, GB/T1043, GB1834, JB/T8762, ASTM D6110, ASTM 5942 and ISO9854, etc. XJJ series testing machine can be operated easily and without power supply.



XJJ-50S

### Character

- ✘ Multi Pendulums (big and small) and Multi scale reading for each testing machine which enlarge the test range of energy.
- ✘ Sample and support are easy centering.
- ✘ XJJ series Pendulum impact is realized easily by hand push pin.
- ✘ XJJS series Pendulum impact is realized as automatically by control button.
- ✘ XJJ series power supply free. XJJS series power sudden off in safety.
- ✘ Digital LCD screen control and value showed. (XJJS series)

### Specification

Parameters	XJJ-5	XJJ-5S	XJJ-15	XJJ-15S	XJJ-50	XJJ-50S
Impact energy	0.5、1、2、4、5		1、2、4、5、7.5、15		7.5、15、25、50;	
Impact speed (m/S)	2.9		2.9 and 3.8		3.8	
Pendulum moment	Pd0.5=0.2679    Pd1.0=0.5358    Pd2.0=1.0718 Pd4.0=2.14359    Pd5.0=2.6794    Pd7.5=4.0192 Pd15=8.0385    Pd25=13.397    Pd50=26.795					
Raising angle	150°		150°		150°	
Impact center distance (mm)	230		230		395	
Standard Sample span	40、60、62、70、95		40、60、70、95		40、60、62、70、95	
Dimension	600×450×1300 mm				650 × 500 × 1500mm	
Weight(Kg)	80kg	85kg	95kg	100kg	110kg	120kg