

HST JBW-300XJ Computer Control Both charpy and izod impact tester



Picture Just for reference

1. Application:

HST JBW-300XJ Computer Control Both charpy and izod impact tester is high performance pendulum impact tester that precisely determines absorbed impact energy and resistance to breakage of metallic specimens. With the computer display, it can show test result and test curve in real time easily. Designed for determination of the impact energy as Charpy and Izod impact methods according to ASTM E23, ISO, DIN, EN standards; Innovative mechanical design features make these testing machine top contenders on the market with excellent price/quality ratio as well as high accuracy. Universities, automotive and aero companies, research and R&D Labs, as well as steel plants are typical customers for these testing systems.

2. Standards:

Charpy Impact Test: ASTM E23, ISO148, ASTM A370 for Metals

Izod Impact Test: ASTM E23, BS 131 for Metals

3. Performance parameters:

MODEL		HST JBW-300XJ
Impact energy (J)	Charpy test	150,300
	Izod Test	300
Notch Types	Charpy test	U and V-shaped notch
	Izod Test	Only V-shaped notch
Striking Point	Charpy test	Middle of material
	Izod Test	The upper Tip of the material
Impact speed (m/s)	Charpy test	5.24m/s
	Izod Test	4.6868m/s
Specimen and distance of pendulum contact wires to the symmetry of gap(mm)	Charpy test	10±0.5
	Izod Test	22±0.5
Pendulum preparing angle		150°
Distance between pendulum center and sample center (mm)	Charpy test	750
	Izod Test	600
Round angle of jaws (mm)	Charpy test	R1-R1.5
	Izod Test	R0.4
Round angle of striking edge (mm)	Charpy test	R2-R2.5
	Izod Test	R0.66
The impact blade thickness (mm)	Charpy test	16
	Izod Test	15-20
Size of specimen (mm)	Charpy test	55*10*10
	Izod Test	127 x 11.43 round bar for meta
The angle of sample front and pendulum underside		100±1°
Size of specimen (mm)		10×10×70~ 126mm square sample Φ11.43×71~ 127mm round sample
Power supply		3p 4-wire 380V 50Hz or specified
Dimensions (mm)		2124*600*1340
Weight(KG)		450

HST GROUP Co., LTD.
Jinan Hensgrand Instrument Co., Ltd.

NO. 4915, West Jingshi Road, Jinan 250012, PR CHINA.

Tel: +86-159 1008 1986 www.hssdgroup.com - e-mail: admin@hssdtest.com