

HSTXJJ ISO179 50J Dial Display Plastic Charpy Impact tester



Application:

This instrument is mainly used for the determination of the impact toughness of non-metallic materials such as rigid thermoplastic molding and extrusion materials, rigid thermosetting molding materials, and fiber-reinforced thermosetting and thermoplastic composite materials.

Standard:

ISO179, ISO180 and the equivalent.

Technical parameter:

Model	HSTXJJ-5	HSTXJJ-50
Standard	ISO179	

Display	Dial	
Impact velocity	2.9m/s	3.8m/s
Impact energy	(0.5J), 1J, 2J, 4J, 5J	7.5J, 15J, 25J, 50J
Impact center distance	230mm	380mm
Pendulum angle	150°	150°
Radius of striking edge	R=2±0.5mm	R=2±0.5mm
Radius of jaw	R=1±0.1mm	R=1±0.1mm
Inclined angle of striking edge	30±1°	30±1°
Energy display resolution	0.01J	0.01J
Jaw support spacing	40, 60, 62, 70mm	40, 60, 70, 95mm
Dimensions	420×260×630mm	460×330×745mm
Weight	60kg	70kg

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