

Pendulum Impact Testing Machine

Our Model HIT-8A Pendulum Impact Tester is designed for CHARPY, IZOD and IMPACT TENSION test. The pendulum is mounted on antifriction bearings. It has two starting positions, the upper one for Charpy the lower one for Izod testing. The test method conforms to IS:1757-1973 and IS: 1499-1977, and BS: 131 Part 2&3- 1972 IS: 1598-1977, BS: 131 Part 1-1972.

TECHNICAL SPECIFICATIONS

Model No.	HIT-8A	
	Charpy and Impact Tension Test	Izod Test
Pendulum drop angle	140°	90°
Effective weight	20.59 kg.	21.79 kg.
Speed	5.3465 m/sec	3.857 m/sec
Impact energy	30 Kgm (300J)	16.4 Kgm (164J)
Min. Graduation	2J	2J
Distance of axis of hammer rotation and center of test piece/point of test piece hit by the hammer.	825mm	825m m
Max. permissible loss by friction	0.5% of max. impact energy	



Charpy Test	Izod Test	Impact Tension Test
A) Striking edge Angle: 30 ± 1 The radius of curvature: 2.25mm Width: 18mm	A) Striking edge Angle: 75 Radius of curvature: 0.75mm Horizontal relief: 10° Vertical Relief: 5°	A) Striking edge Distance between forks: 36mm Radius of curvature: 1mm
B) Support Distance between arm: 40mm Slopping angle: 0° Relief angle: 10° The radius of curvature: 1.25mm	B) Support For gripping specimens with dimensions of 10 x 10mm	B) Support For clamping specimen with the dimension of the following Diameter: 6.4mm Length (Total): 68mm Length (Measuring): 25.4mm Thread of supporting: M10 x 1.5

Registered Office: UGF-12 Ansal Plaza-1 Chiranjeev Vihar Ghaziabad-201002 (U.P.) INDIA

Workshop: Khasra No - 63 Village Bayana, Near Wave City, NH 24, Ghaziabad -201015 (U.P.) INDIA

Phone : +91- 8750305291

Email : info@hsmleindia.in / sales@hsmleindia.com

Website : www.hopesmluckyenterprises.in / www.hsmleindia.com (Under Construction)

Digital Pendulum Impact Testing Machine

Our Digital Pendulum Impact Tester is designed for conducting CHARPY, IZOD and IMPACT TENSION test. The pendulum is mounted on antifriction bearings. It has two starting positions, the upper one for Charpy and the lower one for Izod testing.

The test method conforms to IS:1757-1973, and IS: 1499-1977, and BS: 131 Part 2&3- 1972 IS: 1598-1977, BS: 131 Part 1-1972.



HIT-8D

Model No.	HIT-8D	
	Charpy & Impact Tension Test	Izod Test
Display	Digital	Digital
Pendulum drop angle	140°	90°
Effective weight	20.59 kg.	21.79 kg.
Speed	5.3465 m/sec	3.857 m/sec
Impact energy	30 Kgm (300J)	16.4 Kgm (164J)
Min. Graduation	2J	2J
Distance of axis of hammer rotation and center of the test piece/point of test piece hit by the hammer.	825mm	825mm
Max. permissible loss by friction	0.5% of max. impact energy	

TECHNICAL SPECIFICATIONS

Charpy Test	Izod Test	Impact Tension Test
A) Striking edge Angle: $30^{\circ} \pm 1^{\circ}$ Radius of curvature: 2.25mm Width: 18mm	A) Striking edge Angle: 75° Radius of curvature: 0.75mm Horizontal relief: 10° Vertical Relief: 5°	A) Striking edge Distance between forks: 36mm Radius of curvature: 1mm
B) Support Distance between arm: 40mm Slopping angle: 0° Relief angle: 10° Radius of curvature: 1.25mm	B) Support For gripping specimen with dimension of 10 x 10mm	B) Support For clamping specimen with dimension of following Diameter: 6.4mm Length (Total): 68mm Length Measuring): 25.4mm Thread of supporting: M10 x 1.5

Registered Office: UGF-12 Ansal Plaza-1 Chiranjeev Vihar Ghaziabad-201002 (U.P.) INDIA

Workshop: Khasra No - 63 Village Bayana, Near Wave City, NH 24, Ghaziabad -201015 (U.P.) INDIA

Phone : +91- 8750305291

Email : info@hsmleindia.in / sales@hsmleindia.com

Website : www.hopesmluckyenterprises.in / www.hsmleindia.com (Under Construction)