DIGITAL IMPACT TESTING MACHINE

Our Digital Pendulum Impact Tester Model **AMT-8D** is designed for conducting **CHARPY, IZOD** and **IMPACT TENSION** test.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.**

The impact energy absorbed by the specimen during reputure in measured as the difference between the height of dropbefore repute and the height of rise after rupture of the test specimen and is read on the dial scale.

TECHNICAL SPECIFICATIONS: -

Model No.	AMT-8D	
	Charpy and Impact TensionTest	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 centre of test piece/point of test piece hit by hammer.	825mm	825mm
Max. permissible loss by friction	0.5% of max. impact energy	

AMT-8D

Charpy Test	Izod Test	Impact Tension Test
A) Striking edgeAngle: $30^0 \pm 1^0$ Radius of curvature: 2.25mmWidth: 18mm	**A)** Striking edgeAngle: 75^0 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: 40mmSlopping 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