



VERTEX

IZOD CHARPY IMPACT TESTER-TOUCH SCREEN COMPUTERISED

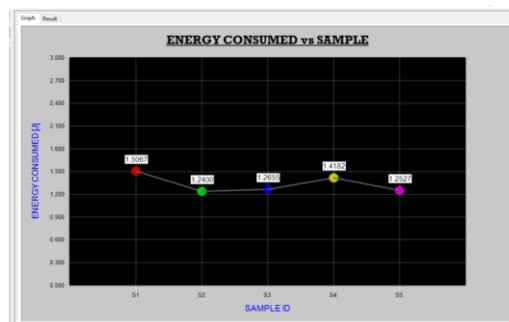
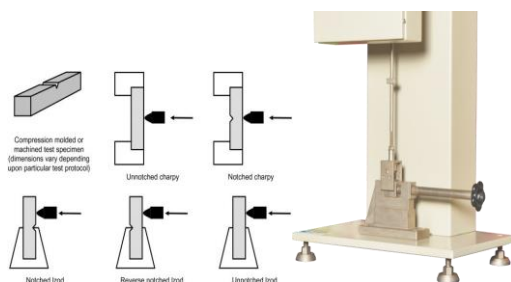


Features:

Performance	1. To determine the Impact Strength by Angular Impact. 2. Izod as per ASTM D256 and Charpy as per ASTM D6110. 3. Izod as per ISO 180 and Charpy as per ISO 179.
MOC	Mild Steel.
System Status	Touch Screen / Computerised.
Software	AE- mbedded
Test Setup	Profile Type Connectivity, Through USB
Reports	Graphical + Data through software, Expressed in terms of all Standards.
Report Analysis	File Saving/Averaging/Standard Deviation/Min/Max available in Software.
Report Print	Through software.
Scale Expandable	Up to 10 No's for each Type Tests.
Scale Calibration	Auto
Paint	Powder coated

Specification:

Izod Scales	2.71J; 5.42J; 10.84J; 21.68J; 25J.[with 3.46m/s velocity] [ASTM D256/ISO180][Others Optional as per client's requirement]***
Charpy Scales	2.71J; 5.42J; 10.84J; 21.68J; 25J.[with 3.46m/s velocity] [For ASTM D6110] Others Optional as per client's requirement]*** 2J; 4J [with 2.9m/s velocity] [For ISO 179] 7.5J and 15J [with 3.8m/s velocity]
Resolution	0.0001J
Span Length of Charpy Vice	Adjustable up to 100 mm. [Others Optional] ***
Impact Speed	3.46 m/s. For ASTM D256/D6110/ISO180 2.9 m/s For ISO179 up to 5 Joules and 3.8 m/s above Joules
Supply	230 VAC/50 Hz
Power	120 Watts.
Accessories	Izod Vice; Charpy Vice; Selected Hammers for Izod/Charpy



	Angle (°)	Index (J)	Total PE (J)	Consumed PE (J)	Pin	Ham	15/18 Inch	15/18
1	80.000	1.500	2.708	12.300	146.2976	1.400	2.702	0.140
2	80.000	1.200	2.708	45.400	122.0480	1.200	2.694	0.120
3	80.000	1.200	2.708	46.400	124.5581	1.200	2.695	0.120
4	80.000	1.400	2.708	50.000	130.8603	1.300	2.691	0.130
5	80.000	1.200	2.708	45.800	123.0400	1.200	2.698	0.120
Minimum	80.000	1.200	2.708	45.400	122.0480	1.200	2.694	0.120
Maximum	80.000	1.500	2.708	50.000	146.2976	1.400	2.702	0.140
Average	87.200	1.308	2.708	48.800	131.5608	1.310	2.698	0.131
Std Dev	4.000	0.154	0.000	4.200	11.7507	0.110	0.002	0.017



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Actual product may differ in color and appearance due to constant development.