



Izod Assembly

## UNIVERSAL IMPACT TESTER (TOUCH SCREEN)

Standard: Charpy (non-metallic) - ASTM D6110, BS EN ISO 179-1;  
Izod (non-metallic) - ASTM D256, BS EN ISO 148-1

### 2-in-1 Impact Test

Used to measure the toughness or impact strength of non-metallic materials such as hard plastic, PVC materials, reinforced nylon, fiberglass reinforced plastic. The machine offers dual functionality, featuring both Charpy and Izod tests, with a user-friendly program designed for ease of use. It is an ideal testing equipment for chemical industry, scientific research institutions, colleges and universities, quality inspection and other departments.

### Technical Specifications :

Model Number	TT 6002 X / 005			
Test Mode	IZOD IMPACT		CHARPY IMPACT	
Impact Velocity	3.5 m/s		3.8 m/s	
Impact Hammer	5.5J 22J		25J 50J	
Impact Pendulum Moment (Joules or Nm)	Pd22 = 11.8 Pd5.5 = 3.0		Pd25 = 13.4 Pd50 = 26.8	
Scale Division	Energy Range (J)	Division (J)	Energy Range (J)	Division (J)
	0 - 22	0.220	0 - 25.0 0 - 50.0	0.250 0.500
Pendulum Pre Lift Angle	150°			
Impact Center Distance	335 mm		395 mm	
Impact Blade Fillet Radius	0.8 ± 0.2 mm		(2 ± 0.5 mm)	
Impact Blade Angle	-		(30 ± 0.1) °	
Jaw Fillet Radius	-		(1.0 ± 0.1) mm	
Distance between Jaw Support Lines	22 mm		60, 70 mm	
Dimension	550 (L) x 300 (W) x 900 (H) mm			
Weight	145 kg			
Power Source	220 ~ 240 V, 1 Ph, 50/60 Hz			

### Unit Consists Of :

Model Number	Parts Description	Qty
TT 6002 X / 005 – P 001	Charpy Impact Hammer 25J/50J (interchangeable)	1set
TT 6002 X / 005 – P 002	Charpy Impact Specimen Holder	1no
TT 6002 X / 005 – P 003	Charpy Guide Plates	1set
TT 6002 X / 005 – P 004	Izod Impact Hammer 5.5J/22J (interchangeable)	1set
TT 6002 X / 005 – P 005	Izod Impact Specimen Holder	1no



Charpy Impact Screen Test



Izod Impact Screen Test