



Die Maschine

# Pendulum Impact Tester

up to 50 J

**CHARPY** Pro Series

**IZOD** Pro Series

For Plastics and Composites



The Hoytom tabletop pendulum impact tester has been designed to test plastics and composites according to the Charpy or Izod impact testing standards.

It is available in capacities from 2 to 50 J. It is operated via a simple and intuitive touch screen.

Its octagonal guard includes a polycarbonate sliding door with an electrical interlock, which meets the requirements for CE marking and Standard ISO 13802.



## Characteristics:

- Available capacities:  
ISO 2, 4, 5, 7.5, 15, 25, 50 / ASTM 2.7, 5.4, 10.8, 21.6, 50 / IZOD 2.75, 5.5, 11, 22
- Fully motorized.
- Ability to run quick test cycles.
- Electromagnetic brake enables hammer to be launched safely.
- Motorised hammer elevation with automatic return after each test, provides enhanced productivity and safety during use.
- Automatic test initiation upon closure of guard door.
- Manufactured using low friction rigid components.
- Data acquisition software for connecting machine to a PC.
- Simple operation via touch screen.
- Charpy impact blades according to ASTM or ISO.
- Languages: English, Spanish, French and German.

Capacity Joules	ISO Charpy	ASTM Charpy	ISO/ASTM Izod
Pendulum length <small>mm</small>	Up to 50J 340	340	340
Maximum impact speed <small>m/s</small>	Up to 50J 3.46	3.46	3.46
Resolution <small>Joules</small>	0.01	0.01	0.01
Dimensions (W x D x H) <small>mm</small>	1250 x 800 x 1040		
Optional Table Dimensions (W) <small>mm</small>	+ 700		
Net weight <small>Kg</small>	500		
Power <small>v</small>	110-240		



# 3 Year Warranty



with all  
Hoytom<sup>®</sup>  
machines

When you purchase a Hoytom<sup>®</sup> machine the equipment comes with a 3 year warranty.



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