

*Charpy or IZOD for Plastic*  
*Pro Series*  
*Up to 50 Joules*



MPM is an authorized distributor of Hoytom tensile and Charpy test equipment. MPM provides installation, maintenance, and calibration services for all equipment sold within the USA.

The Hoytom tabletop pendulum impact tester has been designed to test plastics and composites according to the applicable Charpy or Izod impact testing standards. These machines are available in impact energy capacities from 2 to 50J. The machines are operated via a simple and intuitive touch screen. Its octagonal guard includes a polycarbonate door, which meets the requirements for CE marking and Standard ISO 13802.



1. 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
2. Fully motorized.
3. Ability to run quick test cycles.
4. Electromagnetic brake enables the hammer to be released and re-latched safely during testing.
5. Motorized hammer elevation with automatic return after each test, provides enhanced productivity and safety during use.
6. Automatic test initiation upon closure of guard door.
7. Manufactured using low friction rigid components.
8. Data acquisition software for connecting machine to a PC.
9. Simple operation via touch screen.
10. Charpy impact strikers according to ASTM or ISO.
11. Languages: English, Spanish, French and German.

#### Technical Characteristics

Capacity up to 50 J	ISO Charpy	ASTM Charpy	ISO/ASTM Izod
Pendulum length in	Up to 50J 13.4	13.4	13.4
Maximum impact speed ft/s	Up to 50J 11'4	11'4	11'4
Resolution Joules		0.01	
Dimensions (W x D x H) ft-in		4'1 x 2'7 x 3'5	
Optional Table Dimensions (W) ft-in		+ 2'4	
Net weight lb		1102	
Power V		110-240	

## Standards

EN ISO 13802



### Optional Accessories:

- Instrumented striker system
- In-situ heating & cooling system
- Precision tongs
- Image analysis system for % shear, lateral expansion and notch verification
- Notching machine
- Anvil/striker wear gages
- Go-no-go gage
- High hardness 3V anvils and striker