

*HyTT Charpy or IZOD
Lab Series
300 – 750 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 HyTT Hoytom pendulum impact tester has been designed to test metals according to the applicable Charpy or Izod impact testing standards. These machines are available in impact energy capacities from 300J to 750J. Tests are run with automatic motorized control. Operation is via a simple and intuitive



touch screen. Its guard includes a polycarbonate sliding door with an electrical interlock which meets the requirements for CE marking and Standard ISO 13849.

Machine Characteristics:

Capacity (Joules)	300/450/750
Release Angle	150 °
Pendulum Length	31.5 in
Max Impact Speed	17'9 ft/s
Resolution	0.01 Joules
Height	8'5 ft
Dimensions	6'7 ft x 3'9 ft
Weight - 300J & 450J	2976 lb (concrete base = 3638 lb)
Weight - 750J	3197 lb (concrete base = 4519 lb)

Base Price Includes:

- ISO or ASTM striker and anvils
- Motorized hammer elevation with automatic return after each test
- Automatic test initiation upon closure of guard door
- Simple touch screen operation
- Self-centering specimen placement grips
- Data acquisition software for connecting machine to a PC

Optional Accessories:

- Instrumented striker system
- In-situ heating & cooling system or Charpy specimen liquid bath
- 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
- NIST verification specimens
- MPM Quality Control specimens

Optional Accessories:



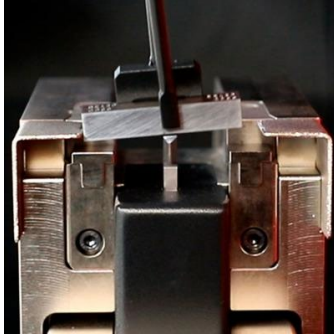
Motorized Notching



Manual Notching



Broaches



Auto Centering Device

Standards EN ISO 148, ASTM E23

