



Die Maschine

Pendulum Impact Tester

CHARPY

 Pro Series

IZOD

 Pro Series

For Metals



The Hoytom pendulum impact tester has been designed to test metals according to the Charpy or Izod impact testing standards. It is available in capacities from 150 to 750 Joules.

It can run tests automatically, and is 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 13849.



Characteristics:

- Available capacities: 150, 300, 450 and 750 Joules.
- Fully automatic.
- 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.
- Simple touch screen operation.
- Charpy impact blades according to ASTM and ISO.
- Charpy impact test for metallic materials (EN 10045).
- Self-centring specimen placement grips (According to ISO 148-1 and ASTM E23).
- Pendulum geometric characteristics verification template (According to ISO 148-2).
- Data acquisition software for connecting machine to a PC.



Optional accessories:

- Concrete fixing base.

Capacity Joules	150/300/450/750
Release angle <small>Degrees</small>	150
Pendulum length <small>mm</small>	800
Maximum impact speed <small>m/s</small>	5.42
Resolution <small>Joules</small>	0.01
Dimensions (W x D x H) <small>mm</small>	2110 x 700 x 2110
Net weight <small>Kg</small>	1300
Power supply <small>v</small>	220
Power <small>w</small>	750



3 Year Warranty



with all Hoytom[®] machines

When you purchase a Hoytom[®] machine the equipment comes with a 3 year warranty.

Die Maschine



www.hoytom.com



hoytom@hoytom.com



[youtube.com/hoytom](https://www.youtube.com/hoytom)



[hoytom](#)



[hoytom](#)