

H060**Pendulum impact Charpy tester for resilience tests**

STANDARDS: EN 10045-1 / ASTM E23 / UNI 4431, 4714
ISO TC/7 / BS 131 / EURONORM 7-55

The tester is equipped with a falling pendulum hammer, able to break, with a single blow, a sample carved in the middle and positioned on two supports.

The test is carried out on a CHARPY sample in order to check the energy absorbed during the impact, which is measured in JOULE.

The value stands for the impact strenght of the material (resilience).

- Cast iron frame
- Pendulum with hardened knife
- Brake device to stop the pendulum
- Impact energy 300J with 2J graduation
- Falling angle: 140°
- Pendulum mass kg. 21,300
- Impact speed: 5,187 m/s

Supplied complete with knife-edge to perform the test as per ASTM Standard

It cannot be sold in CE markets without protection (see accessories)

Dimensions: 500x1400x1900 mm

Weight: 470 kg

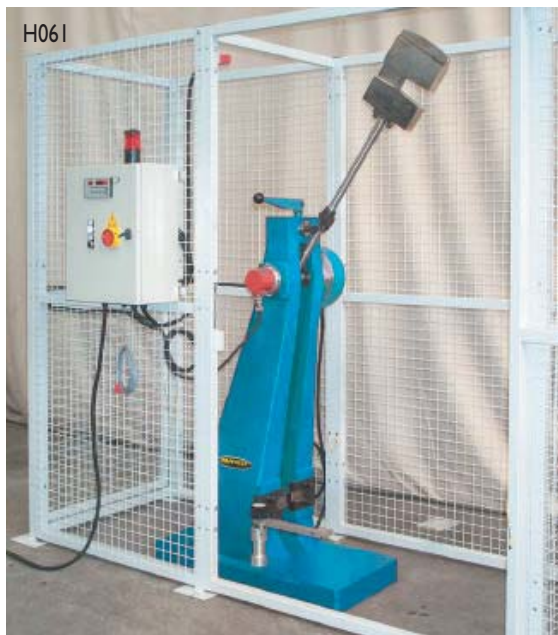
ACCESSORIES for H060:

H060-01

PROTECTION CAGE, to CE Safety Directive.

H060-02

KNIFE-EDGE to perform resilience tests according to EN 10045-1, BS 131 Standards.

**H061****Pendulum impact Charpy digital tester, “high performance” for resilience tests**

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Cast iron enbloc frame.

Separate control panel with digital indicator 0,1 J resolution.

Impact energy: 300 J

Specimen size: 10x10x55 mm

Distance between bearers: 40 mm

Impact hammer mounted on ball bearings.

Electromagnetic brake mechanism to stop the pendulum.

Complete with hardened knife and holding device for specimen.

Protection cage, to CE Safety Directive, steel made, it insulates the hammer excursion in the front and rear part of the machine.

When the cage is opened to load the hammer, an electromecanic safety device does not allow to release the hammer.

Power supply: 230V 1 ph 50Hz

Dimensions: 550x1400x1900 mm

Weight: 550 kg approx.

