



Die Maschine

Universal testing machine

HM-V Pro Series



Technology



The HM-V 5 kN model, which is part of the Hoytom PRO series, is made for nominal capacities up to 5 kN. It can also be equipped with an extensive range of fixtures, such as tensile grips, T-slotted plates, compression plates, bending fixtures, extensometers, etc.

Each machine includes our custom designed electronics which you can read the force and travel on a touch screen. This enables users to get maximum performance and precision, through a simple and intuitive interface.

This machine allows the testing of metals, plastics, polymers, composites, wood, textiles, vidrio and ceramics in addition to many others.

Characteristics:



- Grips and plates included.
- Extremely rigid frame for minimum deformation during testing.
- Preload precision ball screw.
- HBM® load cell (international leader in this technology).
- Integrated touch screen.
- Modern appearance.

Optional accessories:

- Large range of tools for each test.
- T-slotted plate for adapting to components with different geometries.
- Desktop computer with HoyWin® software.
- Extensometers.
- Perimeter guards.
- Table to raise work area.

Capacity kN	5
Maximum Speed <small>mm/min</small>	1000
Travel <small>mm</small>	750
Space between grips *2 <small>mm</small>	580
Space between plates <small>mm</small>	700
Throat depth (horizontal) <small>mm</small>	150
Dimensions (W x D x H) <small>mm</small>	400 x 530 x 1160
Weight <small>Kg</small>	80
Power supply <small>v</small>	220 V/Single phase

Force transducer		Displacement transducer	
Machine accuracy (Class) *2	0.5	Type	Incremental encoder on servomotor
Range	0.4% – 100% FS	Resolution	< 0.001mm
Resolution	0.001% FS	Accuracy	< 0.1%

*1 With grips type MO-CP.

*2 According to Standards ISO 7500 and ASTM E4.



3 Year Warranty



with all
Hoytom[®]
machines

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



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