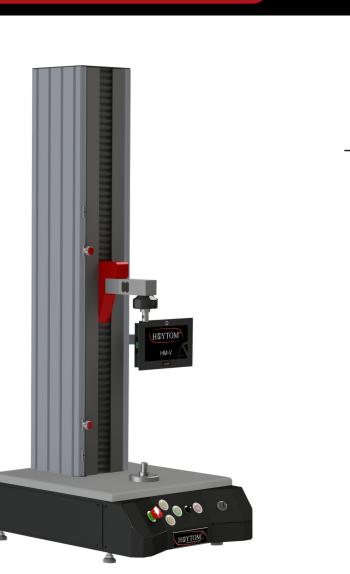


## Universal testing machine

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<sup>®</sup> 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	1000		
Travel	750		
Space between grips *2	580		
Space between plates	700		
Throat depth (horizontal)	150		
Dimensions (W x D x H)	400 x 530 x 1160		
Weight	80		
Power supply	220 V/Single phase		

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

<sup>\*1</sup> With grips type MO-CP.

\*2 According to Standards ISO 7500 and ASTM E4.





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## Year Warranty

with all Hoytom<sup>®</sup> machines

**Die Maschine** 

When you purchase a Hoytom<sup>®</sup> machine the equipment comes with a 3 year warranty.





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