Universal testing machine

HM-S Pro Series

3 Year Warranty

Technology

HBM

HM-S   125 kN

The HM-S model, which is part of the Hoytom PRO series, can achieve nominal capacities between 125 and 250 kN. Its high quality load cells provide a high degree of test precision. It can also be equipped with an extensive range of fixtures, such as tensile grips, compression plates, bending fixtures, extensometers, etc.

Each machine includes HoyWin® test control software, and our custom designed electronics. This enables users to extract maximum performance and precision, through a simple and and intuitive interface.

It is mainly geared for use in production, for repetitive testing with similar longitudinal specimens, etc.

Characteristics:

- Extremely rigid frame for minimum deformation during testing.
- Robust preload precision ball screw.
- HBM® load cell (international leader in this technology).
- HoyWin® software for material testing in multiple languages.
- 21.5" touch screen.
- Computer integrated in the machine.
- Remote Control - Smart|Remote Control.
- Easy to transport via forklift or crane.

Optional accessories:

- Manual, pneumatic or hydraulic grips.
- Large range of tools for each test.
- Extensometers.
- Perimeter guards.

Capacity kN	125	200-250
Maximum Speed mm/min	150	150
Travel mm	830	830
Maximum vertical space mm	900	900
Space between grips [1] mm	460	460
Space between columns mm	620	620
Dimensions (W x D x H) mm	880 x 540 x 2080	880 x 540 x 2080
Weight Kg	580	600
Power supply V	220 V	

Force transducer

Machine accuracy (Class) [2]	0.5
Range	0.4% – 100% FS
Resolution	0.001% FS

Displacement transducer

Type	Incremental encoder on servomotor
Resolution	< 0.001mm
Accuracy	< 0.1%

[1] With grips type MO-CP 125 kN. 400 mm with MO-CN or MO-CH 125 kN.
[2] According to Standards ISO 7500 and ASTM E4.

3 Year Warranty

with all Hoytom® machines

3 Year Warranty

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