Universal testing machine

HM-S Pro Series

3 Year Warranty

Technology

HBM

HM-S   250kN

The HM-S model, which is part of the Hoytom PRO series, can achieve nominal capacities between 100 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 illustrative 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).
- Computer, HoyWin® software and monitor (peripherals).
- Modern appearance with ergonomic design.
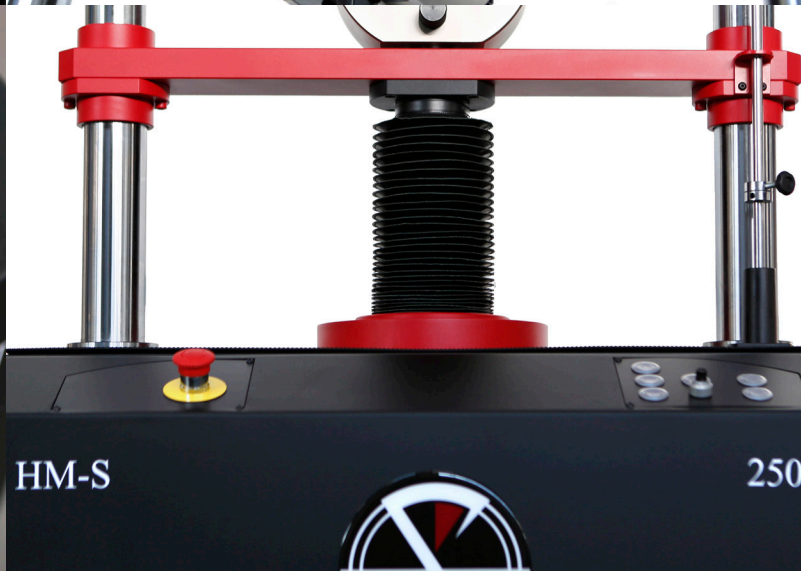- Easy to transport via forklift or crane.

Optional accessories:

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

Capacity kN	100-150	200-250
Maximum Speed mm/min	200	140
Travel mm	460	460
Maximum vertical space mm	900	900
Space between grips [*1] mm	475	460
Space between columns mm	620	620
Dimensions (W x D x H) mm	730 x 585 x 2070	730 x 585 x 2070
Weight kg	560	600
Power supply V	220 V	
Power W	750	1000

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, MO-CN or MO-CH.
[*2] According to Standards ISO 7500 and ASTM E4.

250kN

HM-S

250

Die Maschine

HOYTOM®

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