

Tensile Testing Machine

HM-S

125 – 250 kN



MPM is an authorized distributor of Hoytom Universal Testing Machines. MPM provides installation, maintenance, and calibration services for all equipment sold within the USA.

The HM-S model, which is part of the Hoytom PRO series, can be supplied with load capacities between 125 and 250 kN. The test machine's high quality load cells provide a high degree of test precision. The test machine can also be equipped with an extensive range of fixtures, such as tensile grips, compression plates, bending fixtures, extensometers, etc. Each machine includes the HoyWin® test control software, and our custom designed electronics. This enables users to extract maximum performance and precision through a simple and easy to use interface. It is mainly geared for use in production, for repetitive testing with similar longitudinal specimens, etc.



1. Extremely rigid frame
 - Minimum deformation during testing
2. Preloaded precision spindle
3. HBM® load cell
4. HoyWin® software (several languages available)
5. 21.5 inch touch screen
6. Computer integrated into the machine
7. Remote Control

Optional Accessories:



Universal Jaws



Wedges for Jaws



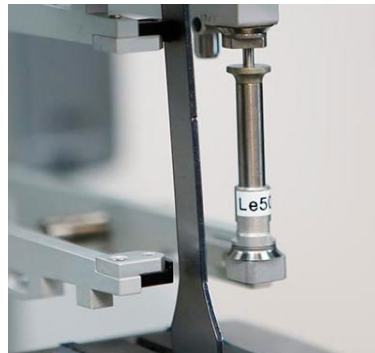
Compression Plates



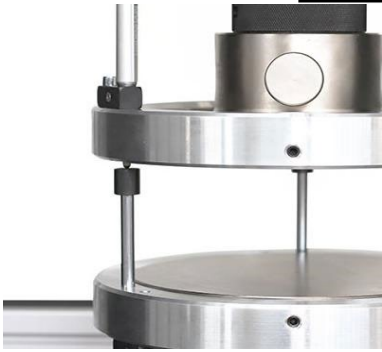
Marshall & CRB Pistons



Perimeter Protection



Extensometers



Compression Extensometer



Special Tools

Technical Characteristics

Capacity kN	125	200-250
Maximum speed in/min	5.9	5.9
Travel in	32.7	32.7
Maximum height in	35.4	35.4
Grip separation in	18.1	18.1
Column Spacing in	24.4	24.4
Dimensions (WxDxH) ft-in	2'11 x 1'9 x 6'10	2'11 x 1'9 x 6'10
Weight lb	1279	1323
Power supply V		220

Force Transducer

Machine accuracy (Class) ISO 7500 and ASTM E4		0.5
Range		0.4% - 100% FS
Resolution		0.001% FS

Displacement Transducer

Type	Incremental encoder on servomotor	
Resolution	< 0.000039 in	
Precision	< 0.1%	

