



Die Maschine

Compression tester

HM-C Lab Series



Technology



The Compression Tester, which is part of the Hoytom Pro series, is made with nominal capacities of 10 to 300 kN. Its 4 high-quality load cells provide maximum accuracy across the entire measurement range.

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

This model has been designed to run tests for compression breaking resistance, under constant or cyclical loads on undulated or compact cardboard packaging, wooden or plastic packaging, containers, metal, etc.



Characteristics:

- Extremely rigid frame for minimum deformation during testing.
- Preload precision ball screws.
- 4 HBM® load cells (international leader in this technology).
- Oscillating/fixed plate according to compression standards.
- HoyWin® software for material testing in multiple languages.
- 21.5" touch screen.
- Computer integrated in the machine.
- Remote Control - Smart|Remote Control.

Capacity kN	10	20	50	100	150	300
Minimum / Maximum Speed mm/min	0.01 / 1000	0.01 / 1000	0.01 / 750	0.01 / 600	0.01 / 600	0.01 / 600
Travel mm	800	1300	1300	1600	1900	2200
Plates mm	800 x 800	1300 x 1300	1300 x 1300	1600 x 1600	1600 x 1600	1900 x 1900
Power supply v	220 V/Single phase					



Force transducer

Machine accuracy (Class) *1	0.5
Range	0.4% – 100% FS
Resolution	0.001% FS

Displacement transducer

Type	Encoder incremental en Servo-motor
Resolution	< 0.001mm
Accuracy	< 0.1%

*1 According to Standards ISO 7500 y 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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