MP Machinery & TESTING, LLC

Tensile Testing Machine

DI-CP/V2

1500 – 2000 kN

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

The DI-CP/V2 model, which is part of the PRO series, has been designed to perform tensile, compression, bend/flex and shear testing, with nominal capacities between 1500 and 2000 kN. Tension is always tested using the hydraulic grips, located in lower area, and compression in the upper test area.

In the DI-CP/V2 model, the crosshead supporting the piston can be moved electromechanically via ball screws, and thereby vary the space between the grips. This makes the equipment extremely flexible for a wide range of applications.

Each machine includes HoyWin® test control software, and our custom designed electronics. This provides maximum performance and accuracy, through a simple and intuitive interface.

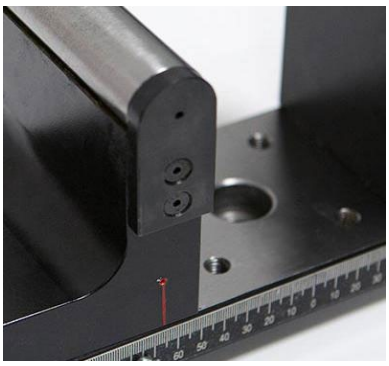
1. Upper crosshead height adjustable
2. Double test area
3. HBM® load cell
    - International leader in this technology
4. HoyWin® software
    - for material testing in multiple languages
5. Touch screen
    - 21.5”
6. Computer integrated in the machine
7. Remote Control
    - Smart/Remote Control®
8. Hydraulic tensile grips

Optional Accessories:

Universal Jaws

Wedges for Jaws

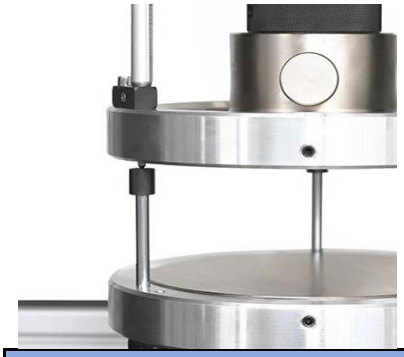
Compression Plates



Bending Bridge

Perimeter Protection

Extensometers



Compression Extensometer

Shear

Special Tools

Technical Characteristics

Capacity kN		1500 - 2000
Piston speed*1 in/min	Forward	5.9
	Backward	5.9
Piston travel in		11.8
Separation between grips in		2.0 – 53.1
Tensile horizontal space in		35.0
Approach Speed in		3.9
Maximum height in		181.9
Dimensions ft-in	Width	4’11
	Depth	3’7
	Height	11’2
Weight lb		14,330
Power supply V		380 - III

Force transducer	
Machine accuracy (Clase)*2	0.5
Range	0.4% - 100% FS
Resolution	0.001% FS

Displacement transducer	
Type	Encode line
Resolution	< 0.00039 in
Precision	< 0.1%

*1 Movable crosshead speed to vary between grips.
*2 According to Standards ISO 7500 and ASTM E4.