



Die Maschine

Universal testing machine

DI-CP/V4

 Pro Series

Technology



The DI-CP/V4 model, which is part of the PRO series, has been designed to perform tensile, compression, bend/flex and shear testing, with nominal capacities between 400 kN and 2000 kN. Tension is always tested using the hydraulic grips, located in lower area, and compression in the upper test area.

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 intuitive interface.

Applications include the testing of metals, cables, fixings, concrete, composites, etc.



Characteristics:

- Double test area.
- HBM® load cell (international leader in this technology).
- Comfortable working height for greater productivity and comfort.
- Computer with HoyWin® software.
- Modern appearance.
- Hydraulic tensile grips.

Optional accessories:

- Perimeter guards.
- Large range of tools for each test.
Compression, nut testing
Bending, shear, etc.
- Grips for shoulder or screw head specimens.
- Extensometers.
- Wedges to fit different specimens.

Capacity kN		400-600	1000	1500-2000
Piston speed *1 <small>mm/min</small>	Forward	150	150	100
	Backward	200	250	150
Piston travel <small>mm</small>			500	
Space between grips <small>mm</small>			100-600	
Tensile horizontal space <small>mm</small>		620	750	810
Compression horizontal space <small>mm</small>		340	440	500
Maximum height <small>mm</small>		3400	3900	4000
Dimensions <small>mm</small>	Width	1050	1250	1250
	Depth	900	1000	1000
	Height	2900	3400	3500
Weight <small>kg</small>		3600	5000	6000
Power supply <small>v</small>			380-III	



Force transducer

Machine accuracy (Class) ^{*2}	0.5
Range	0.4% – 100% FS
Resolution	0.001% FS

Displacement transducer

Type	Linear encoder
Resolution	< 0.01mm
Accuracy	<0.1%

^{*1} Higher speeds and larger sizes available upon request.

^{*2} According to Standards ISO 7500 and ASTM E4.



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hoytom.com



hoytom@hoytom.com



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