



Hegewald & Peschke
Meß- und Prüftechnik GmbH

Product Information

Universal testing machine Inspekt table

5kN – 50kN



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Technical information:

Construction	2 free from play ball screws, drive with AC servo motor 1 workspace up to nominal load broadness of workspace: 420 mm total testing travel without testing tools: 1100 mm optional: changeover to standing model, required auxiliary module: stand				
Standard functions	programmable control at selected load, stroke or strain values, over-load protection, automatic calibration, sample-break-detector, return-function, manual positioning via software LabMaster				
Nominal load (tension/compression)		5kN	10kN	20kN	50kN
Test speed until nominal load mm/min	300W	0.01 – 2000	0.01 - 1200	0.01 - 600	0.0005-250
	900W	-	0.01 - 2000	0.01 - 2000	-
Return speed	300W	2000	1200	600	250
	900W	-	2000	2000	-
Load measuring range	class 1 of 0.2 – 100% of the nominal load (optionally class 0,5) (+/- 1 % of the displayed value according to ASTM E4 , ISO 7500 class 1)				
Load resolution	+/-180.000 digits at 20ms integration time				
Crosshead travel measurement	incremental rectangle input with encoder supervision, saving of crosshead position				
Travel resolution	0.01 µm				
Data transfer rate	50Hz (standard) / optionally 1000Hz with special software add-on module				
Optional card	2 free plug-in positions for upgrading cards for analogue/digital in- /outputs for force, travel, and extension gauges, as well as +/-10V input for external gauges, plug-in position for safety door option available				
Electrical interface	300W	230 VAC, 0.7 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity			
	900W	230 VAC, 1.5 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity			
Dimensions BxDxH	685 mm x 550mm x 1420 mm				
Weight		100kg	100kg	130kg	150kg
Options	<ul style="list-style-type: none"> - control and indicator panel (with load/stroke - display) for manual positioning and stand-alone-mode without PC, base frame - load cells 50 N to 20 kN, manipulator the shifting for load cells - mechanical, hydraulic or pneumatic clamping tools for tension testing - pressure plate, bending fixture, special test control units, external measurement devices, clip on and long stroke extensometer - PC (current standard) - operating system Windows® testing software LabMaster 				
Main testing tool interface standard	5kN / 10kN / 20kN - R20/8 / 50kN – R36/18				