



Hegewald & Peschke
Meß- und Prüftechnik GmbH

Product Information

Universal testing machine Inspekt table

50kN – 250kN



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Technical information:

Construction	2 free from play ball screws, drive with AC servo motor 1 workspace up to nominal load breadth of workspace: 510 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)		50kN	100kN	250kN
Test speed until nominal load in mm/min	900W	0.01 – 800	0.01 - 400	0.01 - 175
Return speed	900W	800mm/min	400mm/min	175mm/min
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	<1 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	900W	230 VAC, 1.5 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity		
Dimensions BxDxH		880mm x 670mm x 1580mm	880mmx670mmx2250mm	
Weight		320kg	400kg	570kg
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 100N to 250kN, 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	50kN – R36/18 / 100kN – 250kN – R60/30			