

Universal Testing Maschine H3000TM-H5000TM 01N-5000N



Construction	1 free from play ball screws, drive with AC servo motor 1 workspace up to nominal load throat depth: 65 mm (optional throat depth: on request) total testing travel without testing tools: 700,1200 mm (optional elongation: on request)
Standard functions	programmable control at selected load, stroke or strain values over-load protection, automatic calibration sample-break-detector, return-function, manual positioning by keypad

		H3000-5000 TM – Serie			
Nominal load (tension/compression)		3kN - 700mm	5kN - 700mm	3kN - 1200mm	5kN - 1200mm
Test speed until nominal load	40W	0,01 - 500 mm/min	/	0,01 - 500 mm/min	/
	80W	/	0,01 - 500 mm/min	/	0,01 - 500 mm/min
Return speed	40W	700 mm/min	/	700 mm/min	/
	80W	/	500 mm/min	/	500 mm/min
Load measuring range	class 1 of 0,4 – 100% of the nominal load (optionally class 0,5) (+/- 1 % of the displayed value according to DIN 51221 class 1, EN 10002-2, ASTM E4 , ISO 7500 class 1)				
Load resolution	+/-60.000 digits at 20ms averagetime				
Crosshead travel measurement	incremental rectangle input with encoder supervision				
Travel resolution	1 µm				
Software-Interface	USB				
Data transfer rate	50Hz (Standard)				
Optional card	not available				
Electrical interface	40W	230 VAC, 0,7 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity			
	80W	230 VAC, 1,5 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity			
Dimensions BxTxH	685 mm x 550mm x 1420 mm				
Weight	50kg 50kg			80kg 80kg	

Optionen:	<ul style="list-style-type: none"> - load cells 5 N to 5 kN - mechanical, hydraulic or pneumatic clamping tools for tension testing - pressure plate, bending fixture, special test control units, external measurement devices, - PC (current standard), operating system Windows * 2000 / XP 7-8-10 - Hess software
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Main testing tool interface standard	
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