

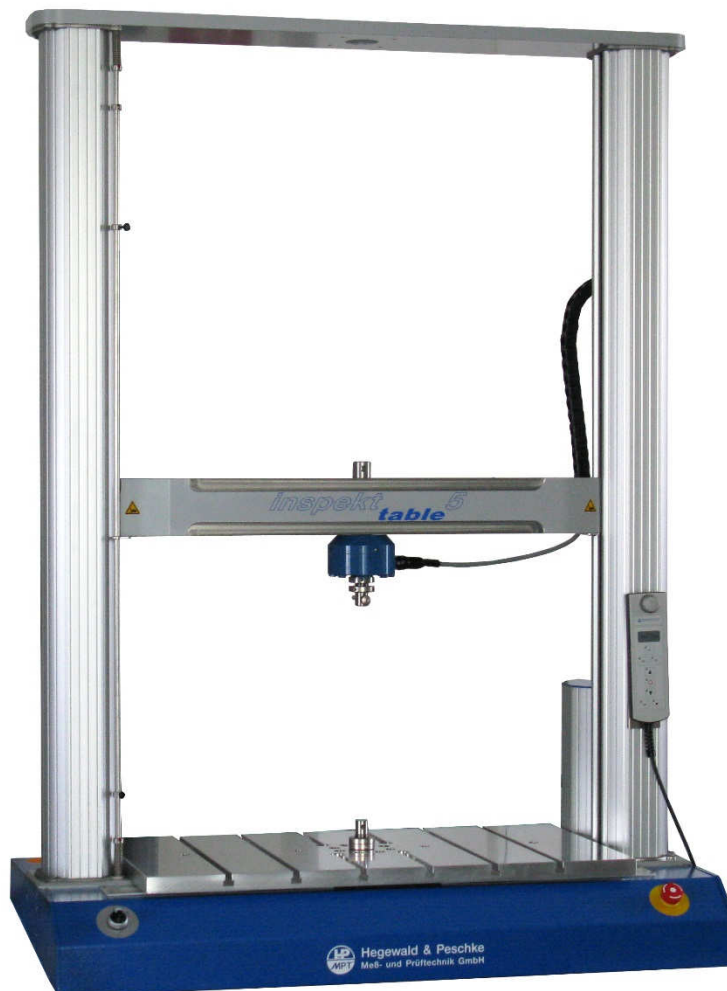


**Hegewald & Peschke**  
Meß- und Prüftechnik GmbH

Product Information

# Universal testing machine Inspekt table

5 – 20kN, broadened +330mm



Hegewald & Peschke, Meß- und Prüftechnik GmbH  
Am Gründchen 1, 01683 Nossen, Germany  
Telephone: +49 35242 445-0, Telefax: +49 35242 445-111  
E-Mail: [info@Hegewald-Peschke.de](mailto:info@Hegewald-Peschke.de)  
<http://www.Hegewald-Peschke.com>

## Technical information:

<b>Construction</b>	2 free from play ball screws, drive with AC servo motor 1 workspace up to nominal load broadness of workspace: 750 mm total testing travel without testing tools: 1100 mm optional: changeover to standing model, required auxiliary module: stand			
<b>Standard functions</b>	programmable control at selected load, stroke or strain values. over-load protection, automatic calibration, sample-break-detector, return-function, <b>manual positioning via software LabMaster</b>			
<b>Nominal load (tension/compression)</b>		<b>5kN</b>	<b>10kN</b>	<b>20kN</b>
<b>Test speed until nominal load</b>	<b>300W</b>	0,01 - 2000 mm/min	0,01 - 1200 mm/min	0,01 - 600 mm/min
	<b>900W</b>	-	0,01 - 2000 mm/min	0,01 - 2000 mm/min
<b>Return speed</b>	<b>300W</b>	2000 mm/min	1200 mm/min	600 mm/min
	<b>900W</b>	-	2000 mm/min	2000 mm/min
<b>Load measuring range</b>	class 1 of 0,4 – 100% of the nominal load (optionally class 0,5) (+/- 1 % of the displayed value according to, ASTM E4 , ISO 7500 class 1)			
<b>Load resolution</b>	+/-180.000 digits at 20ms integration time			
<b>Crosshead travel measurement</b>	incremental rectangle input with encoder supervision, saving of crosshead position			
<b>Travel resolution</b>	0,01 µm			
<b>Data transfer rate</b>	50Hz (standard) / optionally 400Hz with special software add-on module			
<b>Optional card</b>	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			
<b>Electrical interface</b>	<b>300W</b>	230 VAC, 0,7 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity		
	<b>900W</b>	230 VAC, 1,5 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity		
<b>Dimensions BxDxH</b>	1015 mm x 550mm x 1420 mm			
<b>Weight</b>		210kg	210kg	250kg
<b>Options</b>	<ul style="list-style-type: none"> <li>- control and indicator panel (with load/stroke - display) for manual positioning and stand-alone-mode without PC, base frame</li> <li>- load cells 50 N to 20kN, manipulator the shifting for load cells</li> <li>- mechanical, hydraulic or pneumatic clamping tools for tension testing</li> <li>- pressure plate, bending fixture, special test control units, external measurement devices, clip on and long stroke extensometer</li> <li>- PC (current standard)</li> <li>- operating system Windows® testing software <b>LabMaster</b></li> </ul>			
<b>Main testing tool interface standard</b>	5kN / 10kN / 20kN - R20/8			