



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

Product Information

# Universal testing machine inspekt table blue

5 kN / 10kN / 20kN



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**Technical data:**

<b>mechanical design</b>	two-column testing machine with ball-screws, DC-servomotor, stiffness (system loadframe-load cell capacity-adapter) 15/25kN/mm one testing room (up to nominal load): test area width (clearance): 420 mm crosshead travel (without grips): 1100 mm
<b>standard functions</b>	operation mode: stand alone or PC-control programmable control at selected load, stroke or strain values over-load protection, automatic calibration sample-break-detector, return-function, precise crosshead control by manual control panel with display (force, stroke)
<b>capacity</b>	inspekt table BLUE 05: 5 kN inspekt table BLUE 10: 10 kN inspekt table BLUE 20: 20 kN
<b>testing speed</b>	inspekt table BLUE 05: 0.001 – 1200 mm/min inspekt table BLUE 10: 0.0005 – 600 mm/min inspekt table BLUE 20: 0.0004 – 250 mm/min
<b>return speed</b>	vmax
<b>force measurement range</b>	in range of 1 - 100 % of load cell capacity class 1 according EN 10002-2, ASTM E4, DIN EN ISO 7500 class 1)
<b>force resolution</b>	+/- 60.000 digits at integration time 20ms (standard)/+/- 400.000 digits at 250 ms
<b>stroke measurement</b>	incremental input with sensor monitoring, storing of stroke position
<b>stroke resolution</b>	< 1µm
<b>software-interface</b>	RS 232
<b>data transfer rate</b>	50Hz (standard)/optional 500Hz with a special software-add-on-module
<b>optional card</b>	1 analog or digital in- and output for load, strain or additional measuring devices are possible, +/-10V input for external devices, in- and output-card for controlling of external devices, card for safety-devices
<b>power consumption</b>	115/230 VAC, 0,7 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity
<b>dimensions w x d x h</b>	(685x550x1420) mm
<b>weight</b>	inspekt table BLUE 05: 100 kg inspekt table BLUE 10: 100 kg inspekt table BLUE 20: 130 kg
<b>noise emission</b>	max. 65 dB
<b>options:</b>	<ul style="list-style-type: none"><li>• load cell , grips, extensometer</li><li>• PC (current standard), operating system Windows® 2000 / XP</li><li>• Software LABMASTER version: BASIC / SCIENCE</li></ul>
<b>main connection (adapter) standard</b>	R20/8

Your contact person: