



Hegewald & Peschke
Meß- und Prüftechnik GmbH

Product Information

Universal testing machine inspekt table blue

5 kN / 10kN / 20kN



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Technical data:

mechanical design	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
standard functions	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)
capacity	inspekt table BLUE 05: 5 kN inspekt table BLUE 10: 10 kN inspekt table BLUE 20: 20 kN
testing speed	inspekt table BLUE 05: 0,01 – 1000 mm/min inspekt table BLUE 10: 0,01 – 500 mm/min inspekt table BLUE 20: 0,01 – 250 mm/min
return speed	vmax
force measurement range	in range of 1 - 100 % of load cell capacity class 1 according EN 10002-2, ASTM E4, DIN EN ISO 7500 class 1)
force resolution	+/- 60.000 digits at integration time 20ms (standard)/+/- 400.000 digits at 250 ms
stroke measurement	incremental input with sensor monitoring, storing of stroke position
stroke resolution	< 1µm
software-interface	RS 232
data transfer rate	50Hz (standard)/optional 500Hz with a special software-add-on-module
optional card	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
power consumption	115/230 VAC, 0,7 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity
dimensions w x d x h	(685x550x1420) mm
weight	inspekt table BLUE 05: 100 kg inspekt table BLUE 10: 100 kg inspekt table BLUE 20: 130 kg
noise emission	max. 65 dB
options:	<ul style="list-style-type: none">• load cell , grips, extensometer• PC (current standard), operating system Windows® 2000 / XP• Software LABMASTER version: BASIC / SCIENCE
main connection (adapter) standard	R20/8

Your contact person: