

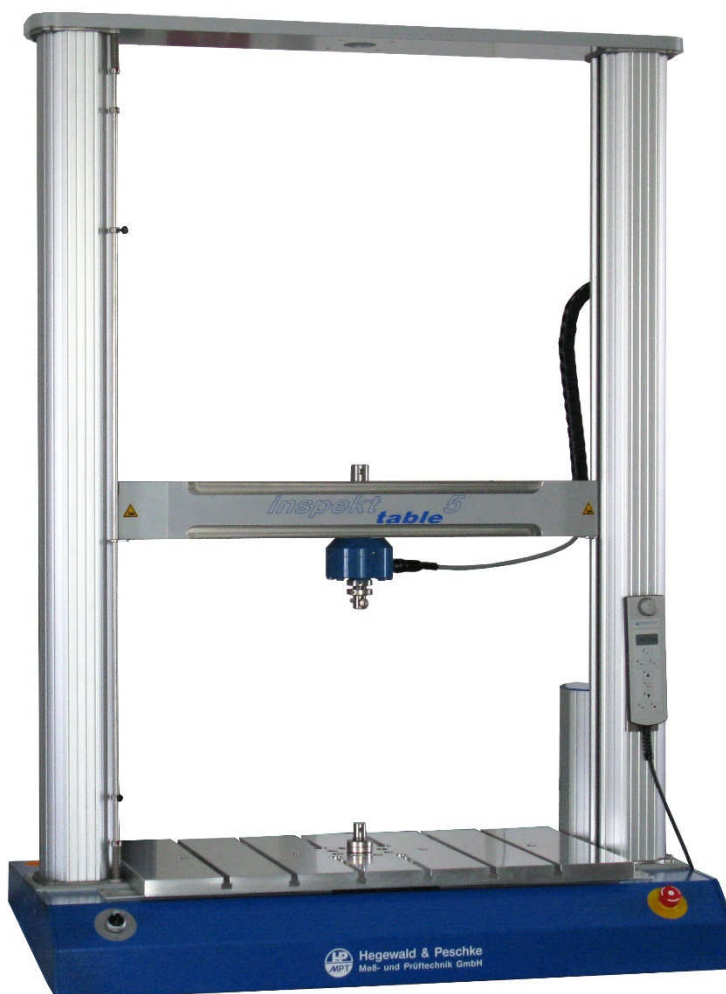


Hegewald & Peschke
Meß- und Prüftechnik GmbH

Product Information

Universal testing machine Inspekt table

5 – 20kN, broadened +190mm



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Technical information:

| | | | | |
|---|---|--|--------------------|--------------------|
| Construction | 2 free from play ball screws, drive with AC servo motor 1 workspace up to nominal load broadness of workspace: 610 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) | | 5kN | 10kN | 20kN |
| Test speed until nominal load | 300W | 0,01 - 2000 mm/min | 0,01 - 1200 mm/min | 0,01 - 600 mm/min |
| | 900W | - | 0,01 - 2000 mm/min | 0,01 - 2000 mm/min |
| Return speed | 300W | 2000 mm/min | 1200 mm/min | 600 mm/min |
| | 900W | - | 2000 mm/min | 2000 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 , 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 | 0,01 µm | | | |
| Data transfer rate | 50Hz (standard) / optionally 400Hz 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 | 300W | 230 VAC, 0,7 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity | | |
| | 900W | 230 VAC, 1,5 kVA, 50/60 Hz, 5- 40°C, 20- 80 % humidity | | |
| Dimensions BxDxH | 875 mm x 550mm x 1420 mm | | | |
| Weight | | 150kg | 150kg | 180kg |
| 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 50 N to 20kN, 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 | 5kN / 10kN / 20kN - R20/8 | | | |