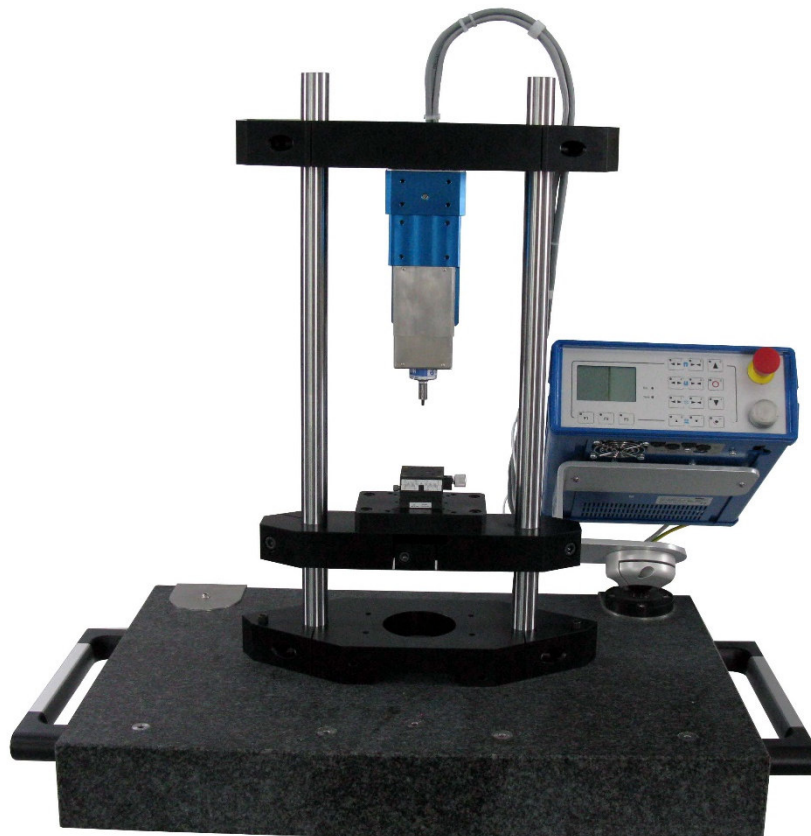




Hegewald & Peschke
Meß- und Prüftechnik GmbH

Product Information

Static miniature testing machine inspect micro S500N



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Technical data:

System properties	<ul style="list-style-type: none"> • DC servomotor and high precision drive for static tests and low cycle ranges • Long-term test load $\pm 500\text{N}$ • Special design for the work with small specimens • Tool connection with R8/3 or with M5 thread
Technical parameters	<ul style="list-style-type: none"> • Test load $\pm 500\text{N}$ • Maximum stroke 50mm • Load resolution $\pm 180,000$ digits, class 1 (between 1% and 100% FS $\pm 1\%$ of the displayed value, according to ASTM E4, DIN EN ISO 7500 class 1) • Exchangeable sensors (recommended grading 10N /50N /100N) • incremental laser position measurement system, resolution $0,002\mu\text{m}$, accuracy $\pm 0.5\mu\text{m}$ • Direct position measurement underneath the load table with a glass scale • Testing speed 0.0005 - 600mm/min (10mm/s), acceleration a max=200m/s^2, 250N/s^2 • Maximum loading speed 200N/s • System stiffness 25N/μm • Data interface LAN or USB 2.0 full speed • Basic construction on a hard stone plate for passive dampening with the possibility of additional mounting of tools or devices • Electric connection: 115/230V AC; 0.5kVA; 50/60Hz
Options required for operation	<ul style="list-style-type: none"> • Load cell • Zoom-microscope 0.8x - 5x • Arm rests • Software LabMaster • PC with 2 monitors
Options	<ul style="list-style-type: none"> • Stiffness correction • Video module

Possible assemblies:



Fig. 1.: Standard assembly
Your contact person:

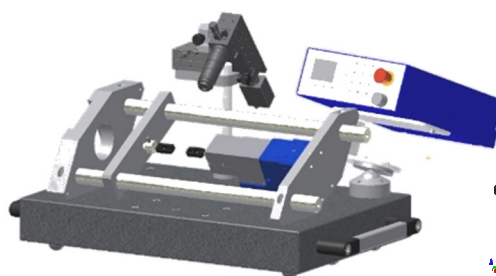


Fig. 2.: Horizontal assembly

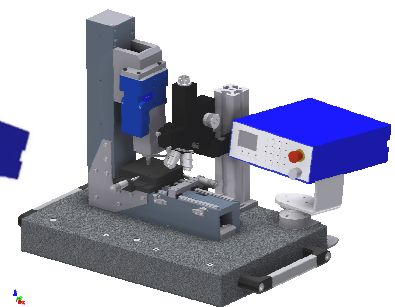


Fig. 3.: Option for hardness testing