



FWP 5-30

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FWP

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The testing machines of the FWP series are the all-rounders in our product range. With two-column load frames, they are particularly robust and can be used in the medium force segment for most materials. These testing machines are available as table machines and as stand alone machines. Powerful and flexible, they can also be used for tensile, compression and bending tests in materials research, as well as for more complex component testing in quality assurance.

The load frame offers the highest level of precision with its flexural rigidity and the servomotor-driven, backlash-free pre-loaded ball screws. The tried-and-tested operating concept enables the adaptation of a wide variety of test devices and accessories.

All machines in the FWP series are equipped with a digital controller specially developed for material testing for synchronous data acquisition. For your testing tasks, we offer the "Test & Motion Plus" software, which can display all desired results graphically and in real time. A connection to existing databases is also possible.

model	FWP 5	FWP 10	FWP 20	FWP 30
rated load	5 kN	10 kN	20 kN	30 kN
width/depth/height	800 x 420 x 1380 mm			
weight	ca. 140 kg			
test area	450 x 1000 mm (without force transducers and clamping tools)			
traverse lift	850 mm			
maximum travel speed	500 mm / min			
resolution traverse	≤ 1 µm			
measuring range	1 ... 100% of the nominal load of the respective force transducer			
power supply	VA 250; 230 V / 50 Hz			

