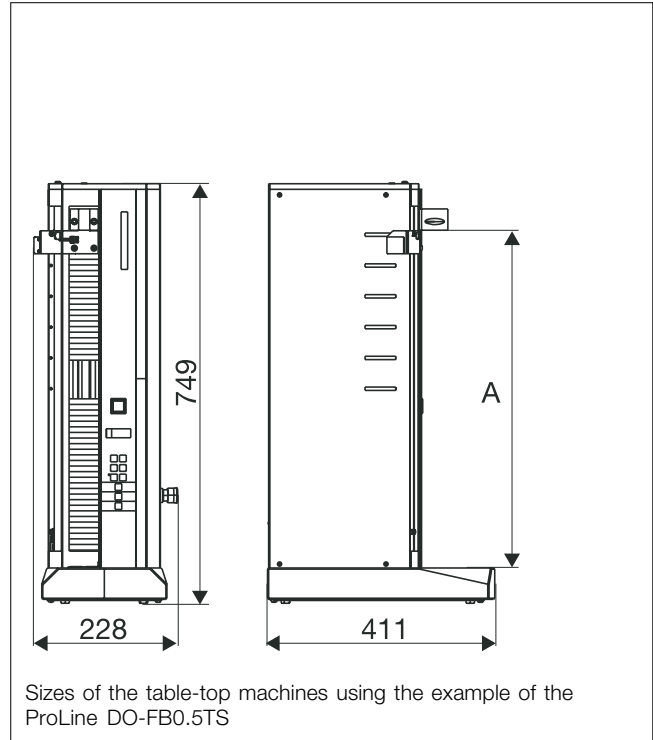


Product Information

ProLine table-top machine 500 N - small / high



Range of application



- Functionality testing on components and simple materials testing
- Tensile tests on elastic foils and textiles with high extension (with high table-top machine)

General advantages of the ProLine test machines

- High value, high performance single column load frame especially for tests at low forces
- Precise crosshead guidance through polished linear axis with carriages on bearings
- High variant with extremely high test area for very high extensions
- Robust and durable industrial operation
- The low weight and the small base area enables the test machine to be setup almost anywhere
- Attractive, pricewise, test solutions for routine and standard applications
- Simple to operate
- Operation with and without personal computer
- A high standard of comfort and user ergonomics is created in synergy with the test software *testXpert*[®]
- CE Conform design
- Attractive delivery times of 1 week

Product Information

ProLine table-top machine 500 N - small / high

Order item	DO-FB0.5TS 	DO-FB0.5TH 	Unit
Load frame			
Test load in tensile/compression direction	500	500	N
Height	749	1565	mm
Width	228	292	mm
Depth	411	469	mm
Overall weight with electronics console	33	47	kg
Test area width	infinite	infinite	
Test area depth	100	100	mm
Max working travel w.o. accessories	494	1266	mm
Mounting stud at the bottom (included in scope of supply) dia.	8	8	mm
Height of the test area w.o. accessories (Dimension A)	596	1364	mm
- Height of load cell with nom. load as for the machine	50	50	mm
- Height of mounting stud up to contact surface	24	24	mm
= Height of test area (Dimensions B)	522	1290	mm
Finish	RAL 7038 agate grey and RAL 3031 orient red		
Ambient temperature	+ 10 ... + 35 °C		
Air humidity (non condensing)	20 ... 90 %		
Drive system			
Crosshead speed in stand alone operation	0.1 ... 1500 mm/min		
Crosshead speed in operation with a PC	0.001 ... 1500 mm/min		
Accuracy of the set speed	1 % of v_{set}		
Drive system's travel resolution	0.226 μ m		
Positioning, repetition accuracy	\pm 2 μ m		
Measurement and control electronics			
Force measurement	Grade 0.5 / 1 see load cell, to ISO 7500-1 (DIN 51220, DIN 51302), ISO R147, ASTM E4, BS 1610 Grade A, NF A 03-501		
Real resolution in tensile/compression direction	100.000 points		
Test data group transmission rate to the PC	50 Hz		
PC or printer interface	RS 232		
Required PC connection (for PC operation)	COM 1		
Power ratings			
Electrical connections	115/230 V (PH, N, PE)		
Power rating	0.4 kVA		
Mains frequency	50/60 Hz		