

FMT-400

Programmable Teststand for Force Measurements

Features

- **Solid construction, up to 500N loadable**
- **Open measuring device carrier**
- **Motorised drive unit with 2 steplessly adjustable travel speeds**
- **Movement sequences as single or continuous testing programmable**
- **Integrated length and speed measuring**



Details

FMT-400 Teststands are motorised testing devices, with which linear vertical hub movements for tension or compression testing can be implemented.

These instruments are particularly utilised for design validations and quality controls. The stability of material interface (crimping, soldering, splicing, etc.) can also be tested, for example actuation forces of operating devices (buttons, switches and sidesticks), closures of packings or pull-off forces of foils and films.

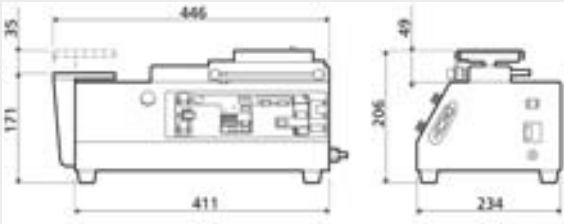
The test samples can be fixed to the base of the instrument using the holes in the platform. The force measuring instrument can be attached to the hub unit using the mounting plate.

The movement sequences can be easily programmed in the motor controls.

Order Info

FMT-400SL

FMT-400SH



Standard

Vertical teststand for slow movement sequences, with cable, fixation parts for force measuring instrument, RS232C connecting cable and operation manual

Vertical teststand fast movement sequences, with cable, fixation parts for force measuring instrument, RS232C connecting cable and operation manual

Option

Spec

FMT-400SL

FMT-400SH

		FMT-400SL	FMT-400SH
Max. Force	Compression and Tension	500 N 50 kgf 110 lbf	
Stroke	Maximal	140 mm	
	End Positions	2 steplessly adjustable limit switch	
Travel Speed	Range	10...100 mm/min	40...400 mm/min
	Quantity	2 steplessly adjustable speed controller	
Accuracy	Speed	+/- 1% (+/- 1 digit)	
	Length/Distance	+/- 0,2mm	
Resolution		0,1 mm	
Signal Output	Length/Distance	analogue, 10mV/mm	
	RS232C	in combination with FMI-200 force measuring instrument	
Signal Input	Overload	in combination with FMI-200 force measuring instrument automatically power off	
	Sensor Supply	- / -	
Display		red LED, 4-digit, 10mm high	
Mounting Plate	Force Measuring Instrument	Mounting plate for force measuring instrument	
	Test Sample	Mounting plate for test samples 4 M8 holes	
	Height Adjustment	0...35 mm (stepless)	
Power Supply		230 VAC (50...60Hz) 1,2A	
Operating Temperature		10...40° C	
Weight		21,2 kg	
Housing Material		Coated steel panel	