



Features

- Test bench for simple test tasks with compressive or tensile force up to 2500 N
- Powerful stepper motor with closed-loop control
- Precise, linear and constant velocity movement with additional guide rail
- Direct data transmission in QS software via USB interface possible

Technical data

Order No.:

		FMT-230.00K1	FMT-230.00K2	FMT-230.01K1	FMT-230.01K2
Force (max.)	N	1000	2500	1000	2500
Speed (max.)	mm	120			
Length/Stroke (max.)	mm	250		600	
Application		Push + Pull			
Drive	Type	motor drive			
	Speed (mm/min)	5 ... 600			
	Transmission	Spindle lifting gear			
	Motor	Stepper Motor and Close Loop Motor Driver			
	Positioning accuracy (mm)	0,5			
Space for test object	Width (mm)	Variable Table top 200mm			
	Depth (mm)	118,8			
	Height (mm)	0 ... 250		0 ... 600	

Version: 10.08.2023

All data are valid at the time of generating this document. Technical changes or any other changes of the product may become effective at any time and without prior notice. All pictures and drawings are reference only. © PPT GmbH & Co. KG, Alluris® is a registered trade mark of PPT GmbH & Co. KG.

PPT GmbH & Co. KG | Basler Straße 65 | 79100 Freiburg | Germany

Tel: 0761 47979 3 | e-mail: info@alluris.de

www.alluris.de/en



FMT-230

Motorized test bench - vertical

Mounting	Force Gauge	Mounting plate for all FMI, FMI-B and FMI-S force gauges	
	Base plate	Standard M6 Gewindebohrung \varnothing in Tischplatte Befestigungsbohrungen für T- \varnothing Nutenplatte oder Sonderwerkzeug	
Ports	2 x USB	USB A socket for force gauge USB-B socket for PC	
	24V DC	In- and Output	
	M12 sensor plug	Protective device (emergency stop)	
	D-Sub	Digital I/O's	
Power supply	Type	External Universal Power Supply 100 ... 240VAC (50 / 60Hz)	
Weight	kg	16,2	16,7

Scope of Supply

Motorized 1-column test bench with additional guide rail. Mounting plate for Alluris force gauges of the FMI, FMI-B and FMI-S series as well as 1 set of fixing screws (M4 and M6) and guide pins for force gauges. External universal power supply, cables for connection with force measuring device, PC and protective device as well as operating and installation instructions. Please order the force gauge separately.

Version: 10.08.2023

All data are valid at the time of generating this document. Technical changes or any other changes of the product may become effective at any time and without prior notice. All pictures and drawings are reference only. © PPT GmbH & Co. KG, Alluris® is a registered trade mark of PPT GmbH & Co. KG.

PPT GmbH & Co. KG | Basler Straße 65 | 79100 Freiburg | Germany

Tel: 0761 47979 3 | e-mail: info@alluris.de

www.alluris.de/en