

### Features



- Operators panel with full color bright 10,4" TFT touchpanel.
- Rigid linear unit with high-precision ball screw, designed for 1000 N.
- Manual operation modes and predefined test runs, expandable at any time via internet portal.
- Real time display with force vs. length diagramm, data transfer and filing with standard webbrowser.

### Technical data

		Order No.:			
		FMT-313.A5	FMT-313.B5	FMT-313.C5	FMT-313.K1
Force (max.)	N	5	50	500	1000
Length/Stroke (max.)	mm	405			
Speed (max.)	mm/min	900			
Resolution - Force	N	0,0005	0,005	0,05	0,1
Accuracy - Force	% (Mw. DIN ISO 7500-1)	0,5			
Resolution - Length	mm	0,001			
Accuracy - Length	mm	0,01			
Resolution - Speed	mm/min	1			
Accuracy - Speed	% (Vmax)	0,1			
Measuring frequency (selectable)	Hz	100   1000			
Measuring frequency - filtered (AV)	Hz	100			
Working space - depth	mm	115			75

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Working space - height	mm	400 - 640		
Adapter for grips	Thread	M4	M6	M10
Power supply	V AC (50...60Hz)	85 - 264		
Power consumption	A @ 230 V AC	1.8		
Operator panel	Type	10,4" Color TFT / Touch PCAP		
2 USB interfaces	Type	USB 2.0		
Ethernet (socket)	Type	100 (RJ45 socket)		
2 Digital inputs (optocoupler)	Type	5V Pull-Up		
3 Digital outputs	Type	24 V Push-Pull		
2 Analog IN (A/D converter)	Type	0-20mA (12-Bit) / 0-10V (12-Bit)		
Service port	Type	D-Sub, 9-P		
Temperatur range - operation	°C	10 - 35		
Adm. temperature - transp./stocking	°C	-10 - 60		
Dimension (LxWxH)	mm	560 x 300 x 910		
Weight	kg	24,5	25	

#### Scope of Supply

Vertical test bench (table version) with load cell and operating and control unit 10.4 "TFT touch panel  
Current operating system and current software for manual and automatic operation with predefined test programs and data transfer software FMT-DataExchange installed and factory pre-configured Access to results via web browser Threaded connections on the force transducer and object carrier plate for holding pressure and clamping tools or adapters.

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