

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.C1	FMT-313.C5	FMT-313.K1
Force (max.)	N	5	50	100	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				

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Working space - height	mm	400 - 640	
Adapter for grips	Thread	M4	M6
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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