SC METROMAT SRL

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Dinamometre cu prezentare grafica, seria FL, max. 2.5kN.

Digital force gauge SAUTER FL



PREMIUM ★★★


1


2


3

Premium force measuring instrument with graphic-assisted display

Features

- **Turnable display** with backlight
- **Peak-Hold function** to capture peaks (measurement result will be “frozen” for a short time) or **Track function** mode for a continuous measurement indication (period of time approx. 10 s)
- **Metal housing** for durable usage in harsh environmental conditions
- Can be mounted on all SAUTER test stands
- **Capacity display:** A bar lights up to show how much of the measuring range is still available
- **Function to set limits**, programming of Max./Min., in pull and push direction, with output of acoustic and optical signal. Ideal mode for efficient and accurate testing of standard parts
- **Internal memory** for up to 500 measurements
- **Continuous analogue output:** Linear voltage signal in relation to the load (-2 to +2V)
- 1 Delivered in a hard carrying case
- 2 SAUTER FL 2K: with external sensor, Tension loops and pressure plates are included in delivery
- 3 Standard attachments: as shown besides (not for FL 2K)
- Selectable measuring units: N, KN, kg, oz, lbf

Technical data

- Internal measuring frequency
- Precision: 0,2 % of [Max]
- Overload protection: 120 % of [Max]
- Dimensions WxDxH 175x75x30 mm
- Thread: M6
- Rechargeable battery pack integrated, standard, operating time up to 10 h without backlight, charging time approx. 8 h
- Net weight approx. 0,5 kg

Accessories

- **Force-time data transfer software** for graphical representation on the PC and data transfer to Microsoft Excel, SAUTER AFH FAST
- **Force-displacement data transfer software** with graphic display of the measurement process, SAUTER AFH FD
- USB cable, SAUTER FL-A01
- **RS-232 adapter cable**, SAUTER FL-A04
- Further accessory see www.sauter.eu and page 26 et seqq.

STANDARD: PEAK, PUSH/PULL, MEMORY, RS 232, USB, ANALOG, GLP PROTOCOL, UNIT, TOL, ACCU, 230 V, 1 DAY, 2 YEARS WARRANTY

OPTION: SOFTWARE, ISO +4 DAYS

Model SAUTER	Measuring range [Max] N	Readout [d] N		Option **ISO Calibration Certificate**					
				Tension		**Compression**		**Tension/Compression**	
				ISO KERN		ISO KERN		ISO KERN	
FL 5	5	0,002		961-161		961-261		961-361	
FL 10	10	0,005		961-161		961-261		961-361	
FL 20	25	0,01		961-161		961-261		961-361	
FL 50	50	0,02		961-161		961-261		961-361	
FL 100	100	0,05		961-161		961-261		961-361	
FL 200	250	0,1		961-161		961-261		961-361	
FL 500	500	0,2		961-161		961-261		961-361	
FL 1K	1000	0,5		961-162		–		–	
FL 2K	2500	1		961-162		961-262		961-362	

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