SC METROMAT SRL

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Dinamometru FH-M cu interfata RS232.

Digital force gauge SAUTER FH-M







Force measuring devices with RS-232 data interface and with external measuring cells

Features

- **Turnable display** with backlight
- Digital force gauge with remote sensor
- Cable length: approx. 3 m
- **Data interface RS-232**, included
- 1 Delivered in a hard carrying case
- Selectable measuring units: N, lb, kg, KN, t
- **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)
- **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
- **Auto-Power-Off**
- **Internal memory** for up to 10 measurements
- **Mini Statistics Kit:** calculates the average result from up to ten stored single results, min., max., n

Technical data

- High resolution: up to 10,000 points (total measuring range)
- Measuring frequency: 2000 Hz
- Precision: 0,5 % of [Max]
- Overload protection: 150 % of [Max]
- Dimensions housing WxDxH 66x36x230 mm
- Rechargeable battery pack integrated, standard, operating time up to 12 h without backlight, charging time approx. 4 h
- 2 Tension loops and compression plates are included in delivery

Accessories

- **Relais module**, serves to amplify the output signal of the dynamometer to control direct actions, SAUTER AFH-02
- **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
- **Thermal printer**, SAUTER YKB-01N
- Further accessory see www.sauter.eu and page 26 et seqq.

FH 1K. – FH 20K.:
- Dimensions sensor WxDxH 51x76,2x19 mm
- Thread: M12

FH 5K. – FH 20K.:
- Dimensions sensor WxDxH 76,2x50,8x28,2 mm
- Thread: M12

FH 50K.:
- Dimensions sensor WxDxH 76,3x108x25,5 mm
- Thread: M18

FH 100K.:
- Dimensions sensor WxDxH 125,2x178x51,3 mm
- Thread: M30

STANDARD



OPTION



Model	Measuring range	Readout		Option **ISO Calibration Certificate**					
				Tension		**Compression**		**Tension/Compression**	
SAUTER	[Max] KN	[d] N		ISO KERN		ISO KERN		ISO KERN	
FH 1K.	1	0,5		961-162		961-262		961-362	
FH 2K.	2	1		961-162		961-262		961-362	
FH 5K.	5	1		961-163		961-263		961-363	
FH 10K.	10	5		961-163		–		–	
FH 20K.	20	10		961-164		–		–	
FH 50K.	50	10		961-165		–		–	
FH 100K.	100	50		961-166		–		–	

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