SC METROMAT SRL

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SAUTER Dinamometru universal cu interfata RS-232, FH.




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Universal digital force gauges for tension and compression tests with integrated measuring cell and RS-232 data interface

Features

- **Turnable display** with backlight
- 1 Can be mounted on all SAUTER test stands
- Digital force gauge with internal sensor
- **Data interface RS-232**, included
- 2 Standard attachments: as shown below, extension rod: 90 mm
- 3 Delivered in a hard carrying case
- Selectable measuring units: N, lb, kg
- **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 acousitc 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)
- Internal measuring frequency: 2000 Hz
- Precision: 0,5 % of [Max]
- Overload protection: 150 % of [Max]
- Dimensions WxDxH 66x36x230 mm
- Thread: M6
- Rechargeable battery pack integrated, standard, operating time up to 12 h without backlight, charging time approx. 4 h
- Net weight approx. 0,64 kg

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
- 2 **Standard attachments**, SAUTER AC 43
- Further accessory see www.sauter.eu and page 26 et seqq.

STANDARD



OPTION



Model SAUTER	Measuring range [Max] N	Readout [d] N		Option **ISO Calibration Certificate**					
				Tension		**Compression**		**Tension/Compression**	
				ISO KERN		**ISO** KERN		**ISO** KERN	
FH 2.	2	0,001		961-161		961-261		961-361	
FH 5.	5	0,001		961-161		961-261		961-361	
FH 10.	10	0,005		961-161		961-261		961-361	
FH 20.	20	0,01		961-161		961-261		961-361	
FH 50.	50	0,01		961-161		961-261		961-361	
FH 100.	100	0,05		961-161		961-261		961-361	
FH 200.	200	0,1		961-161		961-261		961-361	
FH 500.	500	0,1		961-161		961-261		961-361	

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