Digital force gauge SAUTER FH-M



Force-measuring devices with external measuring cells

Features

- **Turnable display** with backlight
- Digital force gauge with remote sensor
- **Data interface RS-232**
- Selectable measuring units: N, lb, kg, kN, t
- **Real time or Peak Hold Mode** to observe transcients or capture peaks
- **Function to set limits:** Programmable high/low setpoints for go/no-go testing. Light and sound signal output
- **Auto-Power-Off**
- **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 LxWxH 238x63x36 mm
- Rechargeable battery pack internal, standard, operating time up to 12 h without backlight, charging time approx. 4 h

FH 1K. - FH 20K.:
- Dimensions sensor WxDxH 51x76,2x19 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

Accessories

- **Relais module**, serves to amplify the output signal of the dynamometer to control direct actions, SAUTER AFH-02
- **Force-time evaluation software**, data transmission rate: 20 Hz, SAUTER AFH FAST
- **Force-distance evaluation software** with graphic display of the measuring process, SAUTER AFH FD
- **Thermal printer**, SAUTER YKB-01N
- **Further accessory** see www.sauter.eu and page 21

FACTORY



OPTION



Model SAUTER	Measuring range [Max] kN	Readout [d] N		Option **ISO calibration certificate**			
				Tensile		Pressure	
				ISO KERN		ISO KERN	
FH 1K.	1	0,5		961-162		961-262	
FH 2K.	2	1		961-162		961-262	
FH 5K.	5	1		961-163		961-263	
FH 10K.	10	5		961-163		–	–
FH 20K.	20	10		961-165		–	–
FH 50K.	50	10		961-166		–	–
FH 100K.	100	50		961-166		–	–