Digital force gauge SAUTER FH-S









Universal digital force gauge for measuring tensile and compressive forces with RS-232

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
- **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)
- Internal measuring frequency: 2000 Hz
- Precision: 0,5 % of [Max]
- Overload protection: 150 % of [Max]
- Dimensions LxWxH 230x66x35 mm
- Thread: M6
- Rechargeable battery pack internal, 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 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 20/21

STANDARD



OPTION



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