

FACE
LIFT



Universal digital force gauge for tensile and compressive force measurements with external load cell

Features

- Turnable display with backlight
- **1** NEW: USB interface for data transfer and power supply as standard
- Data interface RS-232 as standard
- Selectable measuring units: N, kN, kgf, tf
- Peak-Hold function to capture the peak value or Track function for continuous display of measurement
- Measuring with tolerance range (limit-setting function): Upper and lower limit adjustable, in pull and push direction. The process is supported by an audible and visual signal
- Auto-Power-Off
- Internal memory for up to 10 measurement values

- Mini Statistics Kit: calculates the average result from up to 10 stored measured values, as well as min., max., n
- Tension loops and compression plates are included in delivery
- **2** Delivered in a robust carrying case

Technical data

- Transfer rate to PC: approx. 25 measured values per second
- Measuring precision: 0,5 % of [Max]
- Overload protection: 150 % of [Max]
- Overall dimensions W×D×H 240×70×40 mm
- Rechargeable battery pack integrated, as standard, operating time up to 40 h without backlight, charging time approx. 120 min
- External mains adapter, for connection to the USB-C connector, standard
- Cable length approx. 3 m
- Net weight approx. 1,6 kg

Accessories

- Data transfer software with graphic display of the measurement process, force-time, SAUTER AFH FAST
- RS 232 connection cable to connect models from the SAUTER FH range to an electric SAUTER test bench, SAUTER FH-A04

STANDARD



OPTION



Model	Measuring range [Max] N	Readability [d] N	Option DAkS Calibration Certificate (≤ 5 kN)/ Factory calibration certificate (> 5 kN)		
			Tensile Force	Compressive Force	Tensile/Compressive Force
SAUTER			KERN	KERN	KERN
FH 1K	1000	0,5	963-162	963-262	963-362
FH 2K	2000	1	963-162	963-262	963-362
FH 5K	5000	1	963-163	963-263	963-363
FH 10K	10000	5	961-164	961-264	961-364
FH 20K	20000	10	961-164	961-264	961-364
FH 50K	50000	10	961-165	961-265	961-365
FH 100K	100000	50	961-166	961-266	961-366

Further calibration options on request