



Force-measurement devices with external, high-resolution measuring cells for small loads

Features

- **Turnable display** with backlight
- **Data interface RS-232**, standard
- **Delivered in two robust carrying cases**
- **Selectable measuring units:** N, kgf, lbf
- **Peak-Hold function** to capture peaks (measurement result will be "frozen" for a short time) or Track function mode for a continuous measurement indication
- **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
- Can be mounted onto all SAUTER test stands up to 5KN

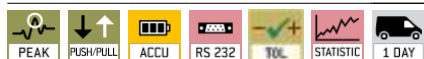
Technical data

- Measuring frequency: 2000 Hz
- Transfer rate to PC: approx. 20 measured values per second
- Measuring precision: 0,5 % of [Max]
- Overload protection: 150 % of [Max]
- Dimensions housing W×D×H 66×36×230 mm
- Rechargeable battery pack integrated, standard, operating time up to 12 h without backlight, charging time approx. 4 h
- Cable length approx. 2,5 m

Options

- **Force-displacement data transfer software** with graphical representation of the measuring process, only in combination with SAUTER LD, SAUTER AFH LD
- **Force-time data transfer software** with graphic display of the measurement process, SAUTER AFH FAST
- **Force-displacement data transfer software** with graphic display of the measurement process, only in combination with SAUTER LB, SAUTER AFH FD
- **RS-232/PC connection cable** to connect models from the SAUTER FH range to a PC or a printer, SAUTER FH-A01
- Further accessory see www.sauter.eu

STANDARD



OPTION



Model	Measuring range	Readout	Option DAkkS calibration certificate					
			Tension		Compression		Tension/Compression	
			KERN	€	KERN	€	KERN	€
SAUTER	[Max]]N	[d]]N						
FH 50 EXT	50	0,01	963-161		963-261		963-361	
FH 100 EXT	100	0,05	963-161		963-261		963-361	
FH 200 EXT	200	0,1	963-161		963-261		963-361	
FH 500 EXT	500	0,1	963-161		963-261		963-361	