



## 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, kN, kg, t, lb
- **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

### Technical data

- Measuring frequency: 2000 Hz
- Transfer rate to PC: approx. 25 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 3 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
- **Matrix needle printer**, KERN YKN-01
- **Thermal printer**, KERN YKB-01N
- **Statistics thermal printer**, KERN YKS-01
- **Label printer**, KERN YKE-01
- Further accessory see [www.sauter.eu](http://www.sauter.eu)

#### STANDARD



#### OPTION



Model	Measuring range	Readout	Option DAkkS-Kalibrierschein							
			Zugkraft		Druckkraft		Zug-/Druckkraft			
			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			