Digital force gauge SAUTER FH-EXT





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

Features

- **Force-measuring device combination** consisting of an external measurement sensor and a high-resolution display unit
- Ideal for force measurement of very slight forces or loads in machines and plants
- **Real time** or **Peak Hold** Mode to observe transcients or capture peaks
- **Push & Pull function** to capture tensile and compressive forces
- **Mini Statistics Kit:** calculates the average result from up to ten stored single results, min., max., n
- **Function to set limits:** Input of an upper/ lower limit value. A visual and acoustic signal supports the measuring operation
- **Rechargeable battery pack internal,** Battery charger included
- Depending on the display unit, only one measuring cell can be connected
- Suitable for all SAUTER test stands (When ordering a test stand please state)

Technical data

- External sensor: Dimensions LxWxH 76x65x22 mm, net weight approx. 0,3 kg (without sensor)
- Cable length for display unit approx. 2 m
- Tolerance 1 % of [Max]
- Selectable measuring units: N, kg, lb
- Overload protection: 150 % of [Max]

Options

- **Premium force/time evaluation software** with a data transfer speed of up to 20 Hz and data export function to Excel, SAUTER AFH FAST,
- **Analogue control module** with integrated 24 V relay, e.g. for machine control (I/0), SAUTER AFH-02,
- 1 **Hook for tensile tests**, suitable for SAUTER FH force-measuring devices up to 500 N, SAUTER AC 49,
- Further accessory see www.kern-sohn.com

STANDARD: PEAK, PUSH/PULL, ACCU, RS 232, TOL, STATISTIC

OPTION: SOFTWARE

STANDARD: 1 DAY, 2 YEARS GUARANTY

Model SAUTER	Measuring range [Max] N	Readout [d] N		Option ISO Calibr. Certificate ISO KERN	
FH 20 EXT	20	0,01		961-161	
FH 50 EXT	50	0,01		961-161	
FH 100 EXT	100	0,05		961-161	
FH 200 EXT	200	0,1		961-161	
FH 500 EXT	500	0,1		961-161	

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