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Compact force gauge for tensile and compressive force measurements

Features

- Turnable display with backlight
- Peak-Hold function to capture the peak value or Track function for continuous display of measurement
- Metal housing for durable use in harsh environmental conditions
- Capacity display: A bar lights up to show how much of the measuring range is still available
- Measuring with tolerance range (limit-setting function): Upper and lower limit adjustable, between 10 and 100 % of [Max], in pull and push direction. The process is supported by an acoustic and visual signal

- Safety: If loads exceed 110 % of the measuring range, the device will give clear acoustic and visual signals
- Internal memory for up to 500 measurement values
- USB data interface and USB interface cable as standard
- Selectable: AUTO-OFF function or permanent operation
- Selectable measuring units: N, kgf, ozf, lbf
- 1 Delivered in a robust carrying case
- 2 Standard attachments as shown, extension rod: 90 mm
- Can be mounted on all SAUTER test stands up to 5 kN

Technical data

- Measuring precision: 0,3 % of [Max]
- Transmission rate to PC: Up to 200 measured values/second
- Overload protection: 150 % of [Max]
- Overall dimensions W×D×H 145×73×34 mm
- Thread: M6
- Rechargeable battery pack integrated, as standard, operating time up to 20 h without backlight, charging time approx. 4 h
- Net weight approx. 0,50 kg

STANDARD

OPTION

Model	Measuring range [Max] N	Readability [d] N	Option Calibration certificate		
			Tensile Force DAkkS accr. KERN	Compressive Force DAkkS accr. KERN	Tensile/Compressive Force DAkkS accr. KERN
SAUTER					
FC 10	10	0,01	963-161	963-261	963-361
FC 50	50	0,01	963-161	963-261	963-361
FC 100	100	0,1	963-161	963-261	963-361
FC 500	500	0,1	963-161	963-261	963-361
FC 1K	1000	1	963-162	963-262	963-362

Further calibration options on request