

Compact force gauge for tensile and compressive force measurements

Features

- Turnable display with backlight
- Peak-Hold function to capture peaks (measurement result will be “frozen” for a short time) or Track function mode for a continuous measurement indication
- 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
- **1** Delivered in a robust carrying case
- Selectable measuring units: N, kgf, ozf, lbf
- **2** Standard attachments: as shown below
- Can be mounted on all SAUTER test stands up to 5 kN

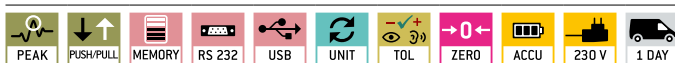
Technical data

- 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, standard, operating time up to 20 h without backlight, charging time approx. 4 h
- Net weight approx. 0,94 kg

Accessories

- Data transfer software with graphic display of the measurement process, **3** Force-time, SAUTER AFH FAST, € 115,- Force-displacement only in combination with SAUTER LB, SAUTER AFH FD, € 650,-
- **2** Standard attachments, as standard, set can be reordered, SAUTER AC 43, € 55,-
- Further accessory see www.sauter.eu and page 35 et seqq.

STANDARD



OPTION



Model	Measuring range [Max] N	Readout [d] N	Price excl. of VAT ex works €	Option DAKkS calibration certificate					
				Tensile force		Compressive force		Tensile/Compressive force	
				DAKkS KERN	€	DAKkS KERN	€	DAKkS KERN	€
SAUTER FC 10	10	0,01	370,-	963-161	148,-	963-261	148,-	963-361	270,-
FC 50	50	0,01	370,-	963-161	148,-	963-261	148,-	963-361	270,-
FC 100	100	0,1	370,-	963-161	148,-	963-261	148,-	963-361	270,-
FC 500	500	0,1	370,-	963-161	148,-	963-261	148,-	963-361	270,-
FC 1K	1000	1	370,-	963-162	182,-	963-262	182,-	963-362	330,-

1 Further calibration options on request