



Save with our practical bundles of test stand, force gauge and matching clamps, e.g. SAUTER FH 500S71, consisting of:

- 1× FH 500
- 1× AE 500 (Details, see P. 39)

Universal digital force gauge for tensile and compressive force measurements with integrated measuring cell

Features

- Turnable display with backlight
- **1** Can be mounted on all SAUTER test stands up to 5 kN
- Data interface RS-232 standard
- **2** Standard attachments: as shown below, extension rod: 90 mm
- **3** Delivered in a robust carrying case
- 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

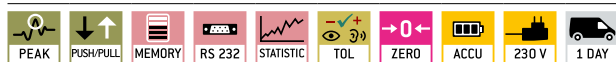
Technical data

- Transfer rate to PC: approx. 25 measured values per second
- Measuring precision: 0,5 % of [Max]
- Overload protection: 150 % of [Max]
- Overall dimensions W×D×H 66×36×230 mm
- Thread: M6
- Rechargeable battery pack integrated, standard, operating time up to 12 h without backlight, charging time approx. 4 h
- Net weight approx. 0,64 kg

Accessories

- Data transfer software with graphic display of the measurement process, SAUTER AFH FAST, **€ 115,-**
Force-displacement only in combination with SAUTER LD, SAUTER AFH LD, **€ 250,-**
Force-displacement only in combination with SAUTER LB, SAUTER AFH FD, **€ 650,-**
- RS-232/PC connection cable to connect models from the SAUTER FH range to a PC, SAUTER FH-A01, **€ 46,-**
- **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	Readout	Price excl. of VAT ex works €	Option DAKKS calibration certificate					
				Tensile force		Compressive force		Tensile/Compressive force	
				DAKKS KERN	€	DAKKS KERN	€	DAKKS KERN	€
SAUTER	[Max] N	[d] N							
FH 2	2	0,001	500,-	-	-	-	-	-	-
FH 5	5	0,001	500,-	-	-	-	-	-	-
FH 10	10	0,005	500,-	963-161	148,-	963-261	148,-	963-361	270,-
FH 20	20	0,01	500,-	963-161	148,-	963-261	148,-	963-361	270,-
FH 50	50	0,01	500,-	963-161	148,-	963-261	148,-	963-361	270,-
FH 100	100	0,05	500,-	963-161	148,-	963-261	148,-	963-361	270,-
FH 200	200	0,1	500,-	963-161	148,-	963-261	148,-	963-361	270,-
FH 500	500	0,1	500,-	963-161	148,-	963-261	148,-	963-361	270,-

1 Further calibration options on request