PREMIUM ★★★




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Premium force measuring instrument with graphic-assisted display and integrated measuring cell

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 (period of time approx. 10 s)
- **Metal housing** for durable usage in harsh environmental conditions
- Can be mounted on all SAUTER test stands
- **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 limiting can be programmed individually, in pull and push direction. The process is supported by an visual signal.
- **Internal memory** for up to 500 measurement values
- **Continuous analogue output:** Linear voltage signal in dependence to the load (-2 to +2 V)
- 1 Standard attachments: as shown above
- **Selectable measuring units:** N, kN, kg, oz, lbf
- 2 **Delivered in a robust carrying case**

Technical data

- Internal measuring frequency: 1000 Hz
- Precision: 0,2 % of [Max]
- Overload protection: 120 % of [Max]
- Dimensions W×D×H 175×75×30 mm
- Thread: M6
- Rechargeable battery pack integrated, standard, operating time up to 10 h without backlight, charging time approx. 8 h
- Net weight approx. 0,5 kg

Accessories

- **Plug-In for data transfer of measuring** data from the measuring instrument and transfer to a PC, e.g. in Microsoft Excel®, SAUTER AFI-1.0, **€ 90,–**
- **Force-displacement data transfer software** with graphical representation of the measuring process, only in combination with SAUTER LD, SAUTER AFH LD, **€ 250,–**
- **Force-time data transfer software** for graphical representation on the PC and data transfer to Microsoft Excel®, SAUTER AFH FAST, **€ 115,–**
- **Force-displacement data transfer software** with graphic display of the measurement process, only in combination with SAUTER LB, SAUTER AFH FD, **€ 650,–**
- **USB cable,** SAUTER FL-A01, **€ 49,–**
- **RS-232 adapter cable,**SAUTER FL-A04, **€ 49,–**
- **Thermal printer,** KERN YKB-01N, **€ 320,–**
- **Statistics thermal printer,** KERN YKS-01, **€ 390,–**
- **Label printer,** KERN YKE-01, **€ 590,–**
- Supports for fastening of objects as well as additional accessories, please see page 30 onwards or www.sauter.eu

STANDARD



OPTION



Model SAUTER	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	€
FL 5	5	0,002	**500,–**	–	–	–	–	–	–
FL 10	10	0,005	**500,–**	963-161	135,–	963-261	135,–	963-361	245,–
FL 20	25	0,01	**500,–**	963-161	135,–	963-261	135,–	963-361	245,–
FL 50	50	0,02	**500,–**	963-161	135,–	963-261	135,–	963-361	245,–
FL 100	100	0,05	**500,–**	963-161	135,–	963-261	135,–	963-361	245,–
FL 200	250	0,1	**500,–**	963-161	135,–	963-261	135,–	963-361	245,–
FL 500	500	0,2	**500,–**	963-161	135,–	963-261	135,–	963-361	245,–
FL 1K	1000	0,5	**570,–**	963-162	165,–	963-262	165,–	963-362	300,–