Digital force gauge SAUTER FL




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Premium force measuring instrument with graphic-assisted display

Features

- **Turnable display** with backlight
- **Real time** or **Peak Hold Mode** to observe transcients or capture peaks
- **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
- **Function to set limits:** Programmable high/low setpoints for go/no-go testing. Light and sound signal output - ideal mode for efficient and accurate testing of standard parts
- **Internal memory** up to 500 values
- **Continuous analogue output:** Linear voltage signal in relation to the load (0 - 2 V)
- 1 Delivered in a hard carrying case
- 2 SAUTER FL 2K: with external sensor
- 3 Standard attachments: as shown below (not for FL 2K)
- Selectable measuring units: N, kN, kgf, ozf, lbf

Technical data

- Measuring frequency: 1000 Hz
- Precision: 0,2 % of [Max]
- Overload protection: 120 % of [Max]
- Dimensions WxDxH 175x75x30 mm
- Thread: M6
- Rechargeable battery pack internal, standard, operating time up to 10 h without backlight, charging time approx. 8 h
- Net weight approx. 505 g

Accessories

- **Force-time evaluation software** with graphic display of the measuring process, data transmission rate 20 Hz, SAUTER AFH FAST
- **Force-distance evaluation software** with graphic display of the measuring process, SAUTER AFH FD
- **Attachments to keep the object in place** see www.sauter.eu

STANDARD



OPTION



Model SAUTER	Measuring range [Max] N	Readout [d] N		Option **ISO calibration certificate**			
				Tension		Compression	
				ISO KERN		ISO KERN	
FL 5	5	0,002		961-161		-	
FL 10	10	0,005		961-161		-	
FL 20	25	0,01		961-161		-	
FL 50	50	0,02		961-161		961-261	
FL 100	100	0,05		961-161		961-261	
FL 200	250	0,1		961-161		961-261	
FL 500	500	0,2		961-161		961-261	
FL 1K	1000	0,5		961-162		961-262	
FL 2K	2500	1		961-162		961-262	