

Digital force gauge SAUTER FL



Premium force measuring instrument with graphic-assisted display

- Features**

 - **Turnable display** with backlight
 - **Real time** or **Peak Hold Mode** to observe transients 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
- Accessories**

 - Rechargeable battery pack internal, standard, operating time up to 10 h without backlight, charging time approx. 8 h
 - Net weight approx. 505 g

Technical data

- Measuring frequency: 1000 Hz
- Precision: 0,2 % of [Max]
- Overload protection: 120 % of [Max]
- Dimensions WxDxH 175x75x30 mm
- Thread: M6

STANDARD

OPTION

Model	Measuring range	Readout	Option ISO calibration certificate			
			Tension		Compression	
			ISO KERN		ISO KERN	
SAUTER	[Max] N	[d] N				
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	