

Digital force gauge SAUTER FK



Robust tension and compression force gauge for simple measurement

Features

- **Turnable display:** automatic direction identification
- **Secure operability** due to ergonomic design
- **Real time** or **Peak Hold Mode** to observe transients or capture peaks
- Selectable measuring units: N, lb, kg, oz
- **Auto-Power-Off**
-  Standard attachments: as shown below, extension rod: 90 mm
- Can be mounted on all SAUTER test stands

Technical data

- Precision: 0,5 % of [Max]
- Measuring frequency: 1000 Hz
- Overload protection: 200 % of [Max]
- Dimensions WxDxH 195x84x35 mm
- Thread: M8
- Net weight approx. 0,6 kg

Accessories

2 With one of the two optional attachments for tensile strength testing, the SAUTER FK can become a tensiometer for testing the material tension characteristics of cables, threads, wires, twine etc. (up to Ø 5 mm):

- **Tensiometer attachment with Safe-insert function:** Pull and release to insert the running cable in between the rolls, for tensile strength testing up to 250 N, Aluminium attachment, rollers can be adjusted towards the inside, SAUTER FK-A01
- **Tensiometer kit for high-capacity tensile strength testing** up to 1000 N, Steel attachment and steel rollers, rollers cannot be adjusted, SAUTER FK-A02

STANDARD

 **PEAK**

 **PUSH/PULL**

 **ZERO**

 **BATT**

 **230 V**

 **1 DAY**

 **2 YEARS WARRANTY**

OPTION

 **ISO**

 **+4 DAYS**

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