



Robust Push/Pull force gauge for simple measurement

Features

- **Turnable display:** automatic direction identification
- **Secure operability** due to ergonomic design
- **Peak-Hold function** to capture peaks (Value is "frozen" for approx. 10 seconds) or **Track function** mode for a continuous measurement indication
- Selectable measuring units: N, lb, kg, oz
- **Auto-Power-Off**
- **1** Standard attachments: as shown below, extension rod: 90 mm
- Can be mounted on all SAUTER test stands

Technical data

































- Precision: 0,5 % of [Max]
- Internal measuring frequency: 1000 Hz
- Overload protection: 200 % of [Max]
- Dimensions W×D×H 195×82×35 mm
- Thread: M8
- Ready for use: Batteries included, 6×1,5 V AA
- Net weight approx. 0,72 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 \varnothing 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, 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
- **1** **Standard attachments,** SAUTER AC 430
- Further accessory see www.sauter.eu and page 24 et seqq.

STANDARD						OPTION	
PEAK	PUSH/PULL	ZERO	BATT	230 V	1 DAY	2 YEARS WARRANTY	ISO +4 DAYS

Model	Measuring range [Max] N	Readout [d] N	Option Factory calibration certificate					
			Tensile force		Compressive force		Tensile/Compressive force	
			KERN		KERN		KERN	
SAUTER FK 10.	10	0,005	961-1610		961-2610		961-3610	
FK 25.	25	0,01	961-1610		961-2610		961-3610	
FK 50.	50	0,02	961-1610		961-2610		961-3610	
FK 100.	100	0,05	961-1610		961-2610		961-3610	
FK 250.	250	0,1	961-1610		961-2610		961-3610	
FK 500.	500	0,2	961-1610		961-2610		961-3610	
FK 1K.	1000	0,5	961-1620		961-2620		961-3620	

	Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.		Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.		Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.
	Calibration block: standard for adjusting or correcting the measuring device.		Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements.		Power supply: Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.
	Peak hold function: capturing a peak value within a measuring process.		Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.		Motorised drive: The mechanical movement is carried out by a electric motor.
	Scan mode: continuous capture and display of measurements.		PC Software: to transfer the measurements from the device to a PC.		Motorised drive: The mechanical movement is carried out by a synchronous motor (stepper).
	Push and Pull: the measuring device can capture tension and compression forces.		Printer: a printer can be connected to the device to print out the measurements.		Fast-Move: the total length of travel can be covered by a single lever movement.
	Length measurement: captures the geometric dimensions of a test object or the movement during a test process.		GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers.		DAkkS calibration possible: The time required for DAkkS calibration is shown in days in the pictogram.
	Focus function: increases the measuring accuracy of a device within a defined measuring range.		Measuring units: Weighing units can be switched to e.g. non-metric at the touch of a key. Please refer to website for more details.		Factory calibration: The time required for factory calibration is specified in the pictogram.
	Internal memory: to save measurements in the device memory.		Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.		Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
	Data interface RS-232: bidirectional, for connection of printer and PC.		ZERO: Resets the display to "0".		Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
	Data interface USB: To connect the balance to a printer, PC or other peripheral devices.		Battery operation: Ready for battery operation. The battery type is specified for each device.		Warranty: The warranty period is shown in the pictogram.
	Data interface Infrared: To transfer data from the balance to a printer, PC or other peripheral devices.		Rechargeable battery pack: rechargeable set.		

Your SAUTER specialist dealer: