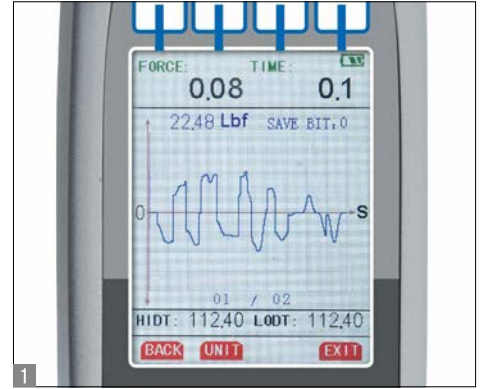


NEW **PREMIUM** ★★★



testoon.com
The measurement website



Force measuring devices with graphics function and external measuring cell

Features

- **TFT graphic-display** with backlight, 240x320 pixel, turnable display
- **Graphics display** shows the force progression of a measurement as a graphic
- **Internal data memory** saves all measurements from a complete measurement process. The content of the memory can be transferred to the PC using optional software
- **Metal housing** for durable usage in harsh environmental conditions
- Can be mounted on all SAUTER test stands
- **USB data interfaces** to the PC included
- **Peak hold function** to capture the peak value or **Track function** for continuous display of the measurement
- **Function to set limits**, programming of Max./Min., in pull and push direction, with output of acoustic and optical signal. Ideal

mode for efficient and accurate testing of standard parts

- **Auto Power-Off**
- Scope of delivery: Tension loops, pressure plates, sturdy carry case

Technical data

- Units can be selected: N, lb, kg, oz
- Precision: $\pm 0,5\%$ of [Max]
- Measuring frequency: 2000 Hz
- High resolution: up to 10,000 points (total measuring range)
- Overload protection: 150 % of [Max]
- Dimensions display unit WxDxH 238x69x36 mm
- Rechargeable battery pack integrated, standard, operating time up to 6 h without backlight, charging time approx. 14 h
- Net weight approx. 0,7 kg

Accessories

- **Force-time data transfer software** for graphical representation on the PC and data transfer to Microsoft Excel, SAUTER AFH FAST
- **Force-displacement data transfer software** with graphic display of the measurement process, SAUTER AFH FD
- Further accessory see www.sauter.eu and page 26 et seqq.































STANDARD



OPTION



Model	Measuring range [Max] KN	Readout [d] N	Dimensions sensor, approx. WxDxH mm	Thread	Option ISO Calibration Certificate					
					Tension		Compression		Tension/Compression	
					ISO KERN		ISO KERN		ISO KERN	
SAUTER FP 1K	1	0,5	50,8x19x76,2	M12 x 1,75	961-162		961-262		961-362	
FP 2K	2	1	50,8x19x76,2	M12 x 1,75	961-162		961-262		961-362	
FP 5K	5	1	50,8x28,2x76,2	M12 x 1,75	961-163		961-263		961-363	
FP 10K	10	5	50,8x28,2x76,2	M12 x 1,75	961-163		-		-	
FP 20K	20	10	50,8x28,2x76,2	M12 x 1,75	961-164		-		-	
FP 50K	50	10	76,2x25,4x108	M18 x 1,5	961-166		-		-	

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

testoon.COM
 The measurement website

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