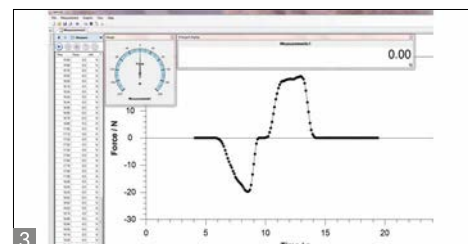


NEW



Compact force-measuring device

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
- **Capacity display:** A bar lights up to show how much of the measuring range is still available
- **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
- **Safety:** If loads exceed 110 % of the measuring range, the device will give clear acoustic and visual signals
- **Internal memory** for up to 1000 measurements

Data interface RS-232

- (only for connection to the printer)
- Selectable: AUTO-OFF function or permanent operation
- **1** Delivered in a hard carrying case
- Selectable measuring units: N, kg, oz, lb
- **2** Standard attachments: as shown below
- Can be mounted on all SAUTER test stands (with adapter plate)

Technical data

- Precision: 0,2 % of [Max]
- Internal measuring frequency: 1000 Hz
- Overload protection: 150 % of [Max]
- Overall dimensions WxDxH 145x73x34 mm
- Thread: M6
- Net weight approx. 940 g
- Permissible ambient temperature -10 °C / 40 °C

Accessories

- **3 Force-time data transfer software** for graphical representation on the PC and data transfer to Microsoft Excel, SAUTER AFH FAST
- **Force-distance evaluation software** with graphic display of the measuring process, SAUTER AFH FD
- **Standard attachments**, SAUTER AC 43
- Further accessory see www.sauter.eu and page 21 et seqq.

STANDARD

































OPTION



Model	Measuring range [Max] N	Readout [d] N	Option ISO Calibration Certificate			
			Tension		Compression	
			ISO KERN		ISO KERN	
SAUTER FC 10	10	0,01	961-161		961-261	
FC 50	50	0,01	961-161		961-261	
FC 100	100	0,1	961-161		961-261	
FC 500	500	0,1	961-161		961-261	
FC 1K	1000	1	961-162		961-262	

Datasheet_FC_V1

 CAL EXT	Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.	 IR	Data interface Infrared: To transfer data from the balance to a printer, PC or other peripheral devices.	 BATT	Battery operation: Ready for battery operation. The battery type is specified for each device.
 CAL BLOCK	Calibration block: standard for adjusting or correcting the measuring device.	 SWITCH	Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.	 ACCU	Rechargeable battery pack: rechargeable set.
 PEAK	Peak hold function: capturing a peak value within a measuring process.	 ANALOG	Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements.	 230 V	Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.
 SCAN	Scan mode: continuous capture and display of measurements.	 STATISTIC	Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.	 230 V	Power supply: Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.
 PUSH/PULL	Push and Pull: the measuring device can capture tension and compression forces.	 SOFTWARE	PC Software: to transfer the measurements from the device to a PC.	 MOTOR	Motorised drive: The mechanical movement is carried out by a motorised drive.
 SCALE	Length measurement: captures the geometric dimensions of a test object or the movement during a test process.	 PRINT	Printer: a printer can be connected to the device to print out the measurements.	 FAST-MOVE	Fast-Move: the total length of travel can be covered by a single lever movement.
 FOCUS	Focus function: increases the measuring accuracy of a device within a defined measuring range.	 GLP PROTOCOL	GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers.	 ISO +4 DAYS	ISO Calibration: The time required for ISO calibration is shown in days in the pictogram.
 MEMORY	Internal memory: to save measurements in the device memory.	 UNIT	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.	 1 DAY	Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 RS 232	Data interface RS-232: bidirectional, for connection of printer and PC.	 TOL	Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.	 1 DAY	Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 USB	Data interface USB: To connect the balance to a printer, PC or other peripheral devices.	 ZERO	ZERO: Resets the display to "0".	 2 YEARS WARRANTY	Warranty: The warranty period is shown in the pictogram.

Your SAUTER specialist dealer: