



Mechanical force gauge for measuring push and pull forces with peak hold function

Features

- **Dual scale:** shows Newton and kg
- **Turnable display** unit for an easy adjustment of the instrument
- **Peak hold function** by drag pointer
- Can be mounted on all manual test stands
- Zeroing by a short push of the switch
- **1** Delivered in a hard carrying case
- **2** Standard attachments: as shown below, extension rod: 90 mm

Technical data

- Precision: 1 % of [Max]
- Dimensions W×D×H 230×60×50 mm
- Thread: M6
- Net weight approx. 0,65 kg

Accessories

- **2** **Standard attachments,** SAUTER AC 43
- Further accessory see www.sauter.eu and page 24 et seqq.

STANDARD



OPTION



Model	Measuring range	Readout	Option Factory calibration certificate					
			Tensile force		Compressive force		Tensile/Compressive force	
			KERN		KERN		KERN	
SAUTER	[Max] N	[d] N						
FA 10.	10	0,05	961-1610		961-2610		961-3610	
FA 20.	20	0,1	961-1610		961-2610		961-3610	
FA 30.	30	0,2	961-1610		961-2610		961-3610	
FA 50.	50	0,25	961-1610		961-2610		961-3610	
FA 100.	100	0,5	961-1610		961-2610		961-3610	
FA 200.	200	1	961-1610		961-2610		961-3610	
FA 300.	300	2	961-1610		961-2610		961-3610	
FA 500.	500	2,5	961-1610		961-2610		961-3610	

 CAL EXT	Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.	 SWITCH	Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.	 230 V	Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.
 CAL BLOCK	Calibration block: standard for adjusting or correcting the measuring device.	 ANALOG	Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements.	 230 V	Power supply: Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.
 PEAK	Peak hold function: capturing a peak value within a measuring process.	 STATISTIC	Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.	 ELECTRO	Motorised drive: The mechanical movement is carried out by a electric motor.
 SCAN	Scan mode: continuous capture and display of measurements.	 SOFTWARE	PC Software: to transfer the measurements from the device to a PC.	 STEPPER	Motorised drive: The mechanical movement is carried out by a synchronous motor (stepper).
 PUSH/PULL	Push and Pull: the measuring device can capture tension and compression forces.	 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.
 SCALE	Length measurement: captures the geometric dimensions of a test object or the movement during a test process.	 GLP PROTOCOL	GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers.	 DAkkS +3 DAYS	DAkkS calibration possible: The time required for DAkkS calibration is shown in days in the pictogram.
 FOCUS	Focus function: increases the measuring accuracy of a device within a defined measuring range.	 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.	 ISO +4 DAYS	Factory calibration: The time required for factory calibration is specified in the pictogram.
 MEMORY	Internal memory: to save measurements in the device memory.	 TOL	Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.	 DAYS	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.	 ZERO	ZERO: Resets the display to "0".	 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.	 BATT	Battery operation: Ready for battery operation. The battery type is specified for each device.	 2 YEARS WARRANTY	Warranty: The warranty period is shown in the pictogram.
 IR	Data interface Infrared: To transfer data from the balance to a printer, PC or other peripheral devices.	 ACCU	Rechargeable battery pack: rechargeable set.		

Your SAUTER specialist dealer: