



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 WxDxH 355x58x59 mm
- Thread: M6
- Net weight approx. 0,617 kg

**Accessories**

- **Standard attachments,** SAUTER AC 43
- Further accessory see [www.sauter.eu](http://www.sauter.eu) and page 21 et seqq.

STANDARD

 **PEAK**

 **PUSH/PULL**

 **1 DAY**































 **2 YEARS WARRANTY**

OPTION

 **ISO +4 DAYS**

Model	Measuring range [Max] N	Readout [d] N	Option ISO Calibration Certificate			
			Tension		Compression	
			ISO KERN		ISO KERN	
SAUTER						
FA 10.	10	0,05	961-161		961-261	
FA 20.	20	0,1	961-161		961-261	
FA 30.	30	0,2	961-161		961-261	
FA 50.	50	0,25	961-161		961-261	
FA 100.	100	0,5	961-161		961-261	
FA 200.	200	1	961-161		961-261	
FA 300.	300	2	961-161		961-261	
FA 500.	500	2,5	961-161		961-261	

Datasheet\_FA\_V1

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

**Your SAUTER specialist dealer:**