

Tombstone Tester SAUTER FG



Fast testing of the stability of tombstones in accordance with VSG 4.7

SAUTER FA-G

- Pressure disc with foam rubber attachment for pressure tests
- Stainless steel handle with rubber covering for secure handling
- No electrical power supply required due to mechanical measuring system
- Real time or peak hold switch to observe transients or capture peaks by a drag indicator
- For tensile force and compressive force testing
- Scope of delivery:
 - 1x FA 500
 - 1x AE 08
 - 1x AFH 04

SAUTER FL-G

- Ideal for the documented certification of specialist stone-cutter companies
- Rechargeable battery with long operating time (significantly more than 8 hours), so it is possible to use the device for a whole working day, in mobile mode
- Function to set limits: This is where you can program a stability limit value. If this limit value is exceeded, the device emits a visual signal. In this way, the measuring result does not need to be read off each time
- Wide pressure plate with foam rubber surface, so that the tombstone does not get scratched when force is applied
- Robust metal housing for permanent use under harsh environmental conditions
- Scope of delivery:
 - 1x FL 500/FL 1K
 - 1x AE 08
 - 1x AFH 04

SAUTER FS-G

- Through the internal and also external measuring cell it can also be used for more than just tombstone testing
- 3,5" touchscreen
- USB interface for data transfer and power supply as standard
- Internal device memory (16 GB)
- Tolerance function
- Track function for continuous measurement display
- Peak value measurement
- Scope of delivery:
 - 1x FS 2-500
 - 1x AE 08
 - 1x AFK 02

For further details and a wide range of accessories, see Internet



STANDARD

- PEAK
- PUSH/PULL
- ZERO
- 1 DAY

OPTION

- ISO +4 DAYS

STANDARD

- PEAK
- PUSH/PULL
- MEMORY
- USB
- ANALOG
- UNIT
- TOL

STANDARD

- PEAK
- SCAN
- PUSH/PULL
- MEMORY
- USB
- KCP
- PROTOCOL
- TOL

OPTION

- ZERO
- ACCU
- 230 V
- 1 DAY
- SOFTWARE
- DAkks +4 DAYS
- ISO +4 DAYS

OPTION

- ZERO
- ACCU
- 230 V
- 1 DAY
- DAkks +4 DAYS
- ISO +4 DAYS

SAUTER	FA 500G	FL 500G	FL 1KG	FS 500G	
Measuring range [Max] N	500	500	1000	500	
Readout [d] N	2,5	0,2	0,5	0,1	
Measuring precision of [Max]	1 %	0,2 %	0,2 %	0,1 %	
Overload protection of [Max]	150 %	120 %	120 %	150 %	
Option	Tensile force	961-1610	961-161	961-162	961-161
Factory calibration certificate	Compressive force	961-2610	961-261	961-262	961-261
	Tensile/Compressive force	961-3610	961-361	961-362	961-361
Option	Tensile force	-	963-161	963-162	963-161
DAkks Calibration certificate	Compressive force	-	963-261	963-262	963-261
	Tensile/Compressive force	-	963-361	963-362	963-361

 <p>Adjusting program (CAL) For quick setting of the instrument's accuracy. External adjusting weight required</p>	 <p>Bluetooth* data interface To transfer data from the balance/measuring instrument to a printer, PC or other peripherals</p>	 <p>Measuring units Weighing units can be switched to e.g. non-metric. Please refer to website for more details</p>	 <p>Conformity assessment Models with type approval for construction of verifiable systems</p>
 <p>Calibration block Standard for adjusting or correcting the measuring device</p>	 <p>WIFI data interface To transfer data from the balance/measuring instrument to a printer, PC or other peripherals</p>	 <p>Measuring with tolerance range (limit-setting function) Upper and lower limiting can be programmed individually. The process is supported by an audible or visual signal, see the relevant model</p>	 <p>DAkkS calibration possible The time required for DAkkS calibration is shown in days in the pictogram</p>
 <p>Peak hold function Capturing a peak value within a measuring process</p>	 <p>Data interface infrared To transfer data from the measuring instrument to a printer, PC or other peripheral devices</p>	 <p>Protection against dust and water splashes IPxx The type of protection is shown in the pictogram cf. DIN EN 60529:2000-09, IEC 60529:1989 +A1:1999+A2:2013</p>	 <p>Factory calibration (ISO) The time required for factory calibration is specified in the pictogram</p>
 <p>Scan mode Continuous capture and display of measurements</p>	 <p>Control outputs (optocoupler, digital I/O) To connect relays, signal lamps, valves, etc.</p>	 <p>ZERO Resets the display to "0"</p>	 <p>Package shipment The time required for internal shipping preparations is shown in days in the pictogram</p>
 <p>Push and Pull The measuring device can capture tension and compression forces</p>	 <p>Analogue interface To connect a suitable peripheral device for analogue processing of the measurements</p>	 <p>Battery operation Ready for battery operation. The battery type is specified for each device</p>	 <p>Pallet shipment The time required for internal shipping preparations is shown in days in the pictogram</p>
 <p>Length measurement Captures the geometric dimensions of a test object or the movement during a test process</p>	 <p>Analogue output For output of an electrical signal depending on the load (e.g. voltage 0 V - 10 V or current 4 mA - 20 mA)</p>	 <p>Rechargeable battery pack Rechargeable set</p>	
 <p>Focus function Increases the measuring accuracy of a device within a defined measuring range</p>	 <p>Statistics Using the saved values, the device calculates statistical data, such as average value, standard deviation etc.</p>	 <p>Plug-in power supply 230V/50Hz in standard version for EU. On request GB, AUS or US version available</p>	
 <p>Internal memory To save measurements in the device memory</p>	 <p>PC Software To transfer the measurement data from the device to a PC</p>	 <p>Integrated power supply unit Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or US on request</p>	
 <p>Data interface RS-232 Bidirectional, for connection of printer and PC</p>	 <p>Printer A printer can be connected to the device to print out the measurement data</p>	 <p>Motorised drive The mechanical movement is carried out by an electric motor</p>	
 <p>Profibus For transmitting data, e.g. between scales, measuring cells, controllers and peripheral devices over long distances. Suitable for safe, fast, fault-tolerant data transmission. Less susceptible to magnetic interference</p>	 <p>Network interface For connecting the scale/measuring instrument to an Ethernet network</p>	 <p>Motorised drive The mechanical movement is carried out by a synchronous motor (stepper)</p>	
 <p>Profinet Enables efficient data exchange between decentralised peripheral devices (balances, measuring cells, measuring instruments etc.) and a control unit (controller). Especially advantageous when exchanging complex measured values, device, diagnostic and process information. Savings potential through shorter commissioning times and device integration possible</p>	 <p>KERN Communication Protocol (KCP) It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems</p>	 <p>Fast-Move The total length of travel can be covered by a single lever movement</p>	
 <p>Data interface USB To connect the measuring instrument to a printer, PC or other peripheral devices</p>	 <p>GLP/ISO record keeping of measurement data with date, time and serial number. Only with SAUTER printers</p>		

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