

PRODUCT BROCHURE

SAUTER FL 500G

Date: 23.04.2025

ENGLISH



Electronic tombstone tester for professional applications

CONTACT

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DESCRIPTION

- For testing the stability of tombstones in accordance with VSG 4.7
- Ideal for the documented certification of specialist stone-cutter companies
- Internal memory for up to 500 measurement values
- Ideal for serial measurements where the data is then transferred to a PC (in combination with the optional AFH FAST software)
- 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
- Stainless steel handle with rubber covering for secure handling
- Wide pressure plate with foam rubber surface, so that the tombstone does not get scratched when force is applied
- Maximum force indication (Peak Hold): The device automatically keeps the maximum force displayed
- Robust metal housing for permanent use under harsh environmental conditions
- Scope of delivery:
 - 1× FL 500/FL 1K
 - 1× AE 08
 - 1× AFH 04

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	FL 500G
Model-Serie	FL
Assortment	Sauter
Product Type	Force measurement
Product group	Digital force-measuring devices (internal sensor)
Product usage type	Main article
EAN code (Model)	4045761149151
Customs tariff number	90248000

Technical data - Primary

Max. Force	500 N
Readability	0.2 N

Technical data - Construction

Dimension housing (W×D×H)	175×75×30 mm
Material housing	aluminium

Technical data - Display

Display type	LCD
Display digit height	8.5 mm
DisplayReverse	yes

Technical data - Power supply

Power supply	Battery & Power supply
Battery type	NiMH
Operating time (Display off)	10 h
Operating time (Display on)	8 h
Mains adapter/adaptor included	CH;EURO
Protection Class	no protection class

Technical data - Measuring system

Units	N
Tolerance (% from Max.)	0.2%
Force direction	compression;tension

Technical data - Functions

Hold-Function	yes
Peak-Function	yes
Limit value (Min - Max)	yes
Interface	Analog (0 +/-2V);RS-232 serienmäßig;USB-Device

Technical data - Environmental conditions

Maximum operating temperature	35 °C
Minimum storage temperature	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	345×295×89 mm
Gross weight	2 kg
Net weight	1.8 kg
Shipping method	Parcel service
UN number	Ni-MH (UN 3496, Packing Instruction #0, Not Restricted as per Special Provision A199)
Packaging component - by weight - cardboard	285 g
Delivery time	1 d

Technical data - Counting data

Memory	yes
Value memory - number of groups	1
Value memory - number of cells (per group)	500

Optional Services

DAkkS calibration - push/pull	963-36 1
DAkkS calibration - push only	963-26 1
DAkkS calibration - pull only	963-16 1

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
FL-A03	Removable battery FL-A03
RFL-4001	Display overlay RFL-4001
AFH 04	Stainless steel handle bar SAUTER AFH 04
FL-A01	Interface cable FL-A01
FL-A04	Interface cable FL-A04
RFL-3001	LCD Display RFL-3001

SERVICES

Model	Description
961-161	Factory calibration KERN 961-161
961-261	Factory calibration KERN 961-261
970-102	Warranty extension KERN (+2 years) 970-102
963-361	DAkkS Calibration KERN 963-361
963-161	DAkkS Calibration KERN 963-161
963-261	DAkkS Calibration KERN 963-261
961-361	Factory calibration KERN 961-361

SPARE PARTS

Model	Description
FL-A01	Interface cable FL-A01
FL-A03	Removable battery FL-A03
DB-A01	Power Adapter KERN DB-A01
FL-A10	Power Adapter KERN FL-A10

Model	Description
RFL-2001	Main PCB RFL-2001

SOFTWARES

Model	Description
AFH FD	Data Transfer Software SAUTER AFH FD
AFH LD	Data Transfer Software SAUTER AFH LD
AFH FAST	Data Transfer Software SAUTER AFH FAST

RELATED ARTICLES DATA

Model name	Max. Force	Readability
FL 20	25 N	0.01 N
FL 50	50 N	0.02 N
FL 5	5 N	0.002 N
FL 10	10 N	0.005 N
FL 100	100 N	0.05 N
FL 200	250 N	0.1 N
FL 500	500 N	0.2 N
FL 1K	1 kN	0.5 N
FL 500G	500 N	0.2 N
FL 1KG	1 kN	0.5 N