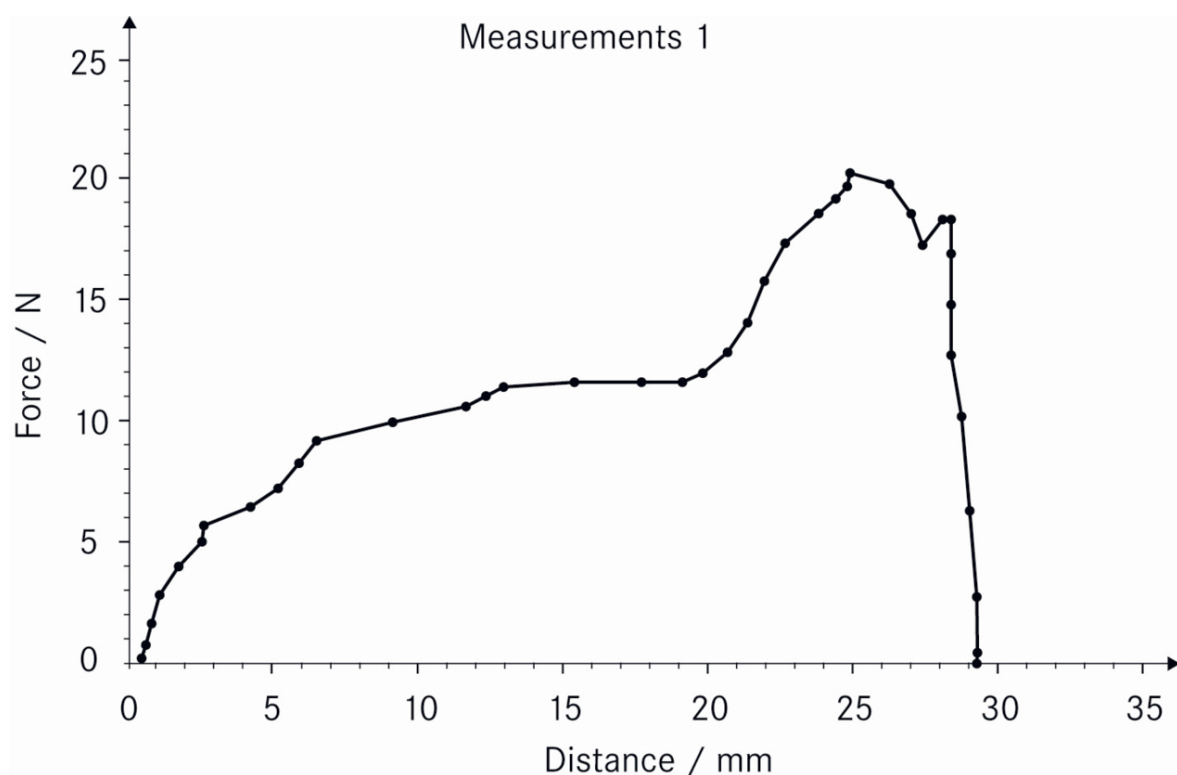


PRODUCT BROCHURE

SAUTER AFH LD

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ENGLISH



Data transfer software for force-displacement-measurements

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information

DESCRIPTION

- AFH LD software is designed for all applications that require the measurement of forces, depending on the displacement. Typically these are force progression graphs in penetration tests or pullout tests
- The program simultaneously requests the measurements from a force measuring device, e.g. SAUTER FH, as well as a length measuring device, e.g. SAUTER LB or SAUTER LD
- The measurements from both instruments are transferred continuously to the PC, synchronised by the AFH LD software and exported in the form of a graphic, as well as free data format for simple processing in Microsoft Excel®
- The software AFH LD is compatible with all instruments of series SAUTER FC, FH, FL, FS
- These measuring instruments are usually used with SAUTER test stands, in particular those from the SAUTER TVM-N and TVS range. However, it is also possible to use them with mechanical testing machines
- Further analysis functions:
 - Extension of the test object
 - Tensile and compressive force
 - Endurance testing
 - Archiving the recorded data
- Scope of delivery for SAUTER AFH LD:
 - Software AFH LD on DVD
 - User manual
 - RS-232 interface cable for FH (FH-A01)
 - USB interface cable for FL (FL-A01)
- Compatible with the following operating system: Microsoft Windows 10, 11®
- Order example for a complete test system:
 - FH 5K (Digital force gauge)
 - LB 300-2 (Digital length measuring device)
 - AFH FD (Force-distance evaluation software)
 - TVM 5000N230N* (Test stand)
 - LB-A02* (Mounting LB on test stands)
 - 2× AFH 12 (RS-232/USB adapter)
 - AC 04* (Test object holder)
 - 963-163* (Force calibration)
 - 961-150* (Length calibration)

* not necessarily required for operating the AFH FD software
- Force-displacement software, but only in combination with a length measuring device of SAUTER LD series

SPECIFICATIONS

Article codes, product groups & Status information



Model article-code	AFH LD
Model-Serie	AFH
Assortment	Sauter
Product Type	Force measurement
Product group	Test stands (motorised)
Product usage type	Accessories/DL
EAN code (Model)	404576 12023 13
Customs tariff number	852349 10

Technical data - Environmental conditions

Maximum storage temperature	40 °C
Minimum storage temperature	-10 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	180×180×20 mm
Gross weight	0.25 kg
Net weight	0.20 kg
Shipping method	Parcel service
UN number	No dangerous goods
Packaging component - by weight - plastics	10 g
Delivery time	1 d

FUNCTIONS

Standard

ACCESSORIES

Model	Description
FL-A01	Interface cable FL-A01
LD-A07	Length Measurement System SAUTER LD-A07
FH-A01	Interface cable FH-A01

SPARE PARTS

Model	Description
FL-A01	Interface cable FL-A01