

PRODUCT BROCHURE

SAUTER TVL 500FHS71

Date: 29.04.2025

ENGLISH



The practical all-in-one package for rapid, simple testing

CONTACT

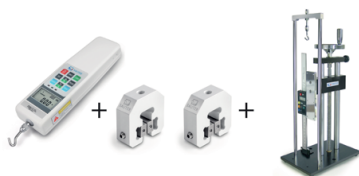
KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com



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PRODUCT SHOWCASE



DESCRIPTION

- All-in-One: test stand with digital force-measuring device and 2 clamps
- For manual testing with a pitch of 3 mm/rotation and for forces up to 500 N
- Assembly and configuration of the parts is not required and therefore saves time and effort
- For tensile force and compressive force measurements
- Scope of delivery:
 - 1× TVL
 - 1× FH 500
 - 2× AE 500
 - 1× AFM 20

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	TVL 500FHS71
Model-Serie	TVL
Assortment	Sauter
Product Type	Force measurement
Product group	Test stands (mechanic)
Product usage type	Main article
EAN code (Model)	4045761273641

Predecessor Model	AE 500-S02
Customs tariff number	90248000
CE Label	yes

Technical data - Primary

Max. Force	500 N
Max. Travel distance	230 mm

Technical data - Measuring system

Max. Force	500 N
Readability	0.1 N
Tolerance (% from Max.)	0.5%
Maximum measured length	20 cm

Technical data - Environmental conditions

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

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	570×275×300 mm
Gross weight	11 kg
Net weight	10 kg
Shipping method	Parcel service
UN number	NiMH (7 - not restricted as per A199)
Delivery time	1 d

FUNCTIONS

Standard

PEAK

PUSH/PULL

SCALE

MEMORY

RS 232

USB

STATISTIC

TOL

ZERO

ACCU

230 V

1 DAY

Option

SWITCH

SOFTWARE

DAkkS
+4 DAYS

ISO
+4 DAYS

ACCESSORIES

Model	Description
YKA-01	Power supply KERN YKA-01
FK 10	Digital Force Gauge SAUTER FK 10
FK 25	Digital Force Gauge SAUTER FK 25
FK 50	Digital Force Gauge SAUTER FK 50
FK 100	Digital Force Gauge SAUTER FK 100
FK 250	Digital Force Gauge SAUTER FK 250
FK 500	Digital Force Gauge SAUTER FK 500
AC 01	Screw Tension Clamp SAUTER AC 01
AC 02	Stainless steel ball-shaped head SAUTER AC 02
AC 03	Clamp SAUTER AC 03
AC 12	Clamp SAUTER AC 12
AC 14	Screw Tension Clamp SAUTER AC 14
AC 22	Fine point clamp SAUTER AC 22
AC 17	Long clamp SAUTER AC 17
AC 18	Clamp SAUTER AC 18
AFH 04	Stainless steel handle bar SAUTER AFH 04
LB 200-2	Digital Length Measuring Device SAUTER LB 200-2
FL 20	Digital Force Gauge SAUTER FL 20
FL 50	Digital Force Gauge SAUTER FL 50
FL 5	Digital Force Gauge SAUTER FL 5
FL 10	Digital Force Gauge SAUTER FL 10
FL 100	Digital Force Gauge SAUTER FL 100
FL 200	Digital Force Gauge SAUTER FL 200
FL 500	Digital Force Gauge SAUTER FL 500
YKA-02	Power supply adapter set KERN YKA-02
AC 43	Standard attachments SAUTER AC 43
FC 10	Digital force gauge SAUTER FC 10
FC 50	Digital force gauge SAUTER FC 50
FC 100	Digital force gauge SAUTER FC 100
FC 500	Digital force gauge SAUTER FC 500
FC 1K	Digital force gauge SAUTER FC 1K

Model	Description
AC 49	Hook SAUTER AC 49
AC 01R	Screw Tension Clamp SAUTER AC 01R
AC 03R	Clamp SAUTER AC 03R
AC 11R	Clamp SAUTER AC 11R
AC 12R	Clamp SAUTER AC 12R
AC 14R	Screw Tension Clamp SAUTER AC 14R
AC 17R	Long clamp SAUTER AC 17R
AC 18R	Clamp SAUTER AC 18R
AC 22R	Fine point clamp SAUTER AC 22R
AE 500	Screw Tension Clamp SAUTER AE 500
TVL-XL	Extension kit for SAUTER TVL SAUTER TVL-XL
AFM 01	Sleeve SAUTER AFM 01
AFM 02	Sleeve SAUTER AFM 02
AFM 03	Sleeve SAUTER AFM 03
AFM 05	Adapter KERN AFM 05
AFM 06	Adapter KERN AFM 06
AFM 07	Sleeve SAUTER AFM 07
AFM 08	Thread SAUTER AFM 08
AFM 12	assembly and repair AFM 12
AFM 13	Sleeve SAUTER AFM 13
AFM 14	Adapter KERN AFM 14
AFM 15	Sleeve SAUTER AFM 15
AFM 20	Thread SAUTER AFM 20
AFM 22	Adapter KERN AFM 22
FS 2-20	Digital Force Gauge SAUTER FS 2-20
FS 4-20	Digital Force Gauge SAUTER FS 4-20
FS 2-50	Digital Force Gauge SAUTER FS 2-50
FS 4-50	Digital Force Gauge SAUTER FS 4-50
FS 2-100	Digital Force Gauge SAUTER FS 2-100
FS 4-100	Digital Force Gauge SAUTER FS 4-100
FS 2-200	Digital Force Gauge SAUTER FS 2-200

Model	Description
FS 4-200	Digital Force Gauge SAUTER FS 4-200
FS 2-500	Digital Force Gauge SAUTER FS 2-500
FS 4-500	Digital Force Gauge SAUTER FS 4-500
AE 01	Standard Clamp AE 01
AE 02	Standard Clamp AE 02
AE 03	Clamp SAUTER AE 03
AE 04	Clamp SAUTER AE 04
AE 05	Rope and thread tension clamp SAUTER AE 05
AE 06	Clamp SAUTER AE 06
AE 07	Wedge Clamp with jaws AE 07
LB-TVL	Accessories SAUTER LB-TVL
AC 45	Force sensor SAUTER AC 45
AC 46	Force sensor SAUTER AC 46
AC 47	Force sensor SAUTER AC 47
AE 08	Pressure plate SAUTER AE 08
FH 100	Digital Force Gauge SAUTER FH 100
FH 2	Digital Force Gauge SAUTER FH 2
FH 20	Digital Force Gauge SAUTER FH 20
FH 200	Digital Force Gauge SAUTER FH 200
FH 5	Digital Force Gauge SAUTER FH 5
FH 50	Digital Force Gauge SAUTER FH 50
FH 500	Digital Force Gauge SAUTER FH 500
FH-A04	Interface cable FH-A04

SERVICES

Model	Description
963-161	DAkkS Calibration KERN 963-161
961-161	Factory calibration KERN 961-161
961-261	Factory calibration KERN 961-261
961-361	Factory calibration KERN 961-361
963-261	DAkkS Calibration KERN 963-261

Model	Description
963-361	DAkkS Calibration KERN 963-361
970-107	Warranty extension KERN (+2 years) 970-107

SPARE PARTS

Model	Description
YKA-02	Power supply adapter set KERN YKA-02
FH-A02	Display overlay FH-A02
OBB-A1569	UK power supply unit KERN OBB-A1569
FS-E06	Cable SAUTER FS-E06
FS-E07	Power supply KERN FS-E07

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	Max. Travel distance
TVL	-	230 mm
TVL-O	-	230 mm
TVL-E	-	290 mm
TVL-XLS	500 N	230 mm
TVL 500FHS71	500 N	230 mm