

PRODUCT BROCHURE

MEASURING INSTRUMENTS FK 50

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ENGLISH



Robust, digital force gauge for tensile and compressive force measurements

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PRODUCT SHOWCASE



DESCRIPTION

- Turnable display: automatic direction identification
- Secure operability due to the ergonomic design
- Peak-Hold function to capture peaks (value is “frozen” for approx. 10 seconds) or Track function mode for a continuous measurement indication
- Selectable measuring units: N, lbf, kg, ozf
- Auto-Power-Off
- Standard attachments as shown, extension rod: 90 mm
- Can be mounted on all SAUTER test stands up to 5 kN

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	FK 50
Model-Serie	FK
Assortment	Sauter
Product Type	Force measurement
Product group	Digital force-measuring devices (internal sensor)
Product usage type	Main article
EAN code (Model)	4045761139534
Predecessor Model	FK 50-2019a
Customs tariff number	90248000

Technical data - Primary

Max. Force	50 N
Readability	0.02 N

Technical data - Display

Display type	LCD
Display digit height	18 mm
DisplayReverse	yes

Technical data - Power supply

Power supply	Power supply & battery included
Battery type	Alkali(-Manganese)
Mains adapter/adapter included	CH;EURO;UK;US
Protection Class	no protection class

Technical data - Measuring system

Units	N
Tolerance (% from Max.)	0.5%
Force direction	compression;tension

Technical data - Functions

Hold-Function	yes
Peak-Function	yes

Technical data - Environmental conditions

Maximum operating temperature	30 °C
Minimum storage temperature	60 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	255×260×80 mm
Gross weight	0.90 kg
Net weight	0.75 kg
Shipping method	Parcel service
UN number	Drycell (UN number Alkaline: none, NiMH: 3496 - Packing instruction #1)
Packaging component - by weight - paper	16 g
Packaging component - by weight - cardboard	584 g
Packaging component - by weight - plastics	4 g

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Packaging component - by weight - styrofoam	148 g
Packaging component - by weight - foam	73 g
Delivery time	1 d

Optional Services

DAkkS calibration - push/pull	963-3610
DAkkS calibration - push only	963-2610
DAkkS calibration - pull only	963-1610

FUNCTIONS

Standard

Option

ACCESSORIES

Model	Description
AC 01	Screw Tension Clamp SAUTER AC 01
AC 14	Screw Tension Clamp SAUTER AC 14
AC 22	Fine point clamp SAUTER AC 22
AC 17	Long clamp SAUTER AC 17
AFK 02	Stainless steel handle bar SAUTER AFK 02
FK-A01	Attachments SAUTER FK-A01
AC 430	Standard attachments AC 430
AC 01R	Screw Tension Clamp SAUTER AC 01R
AC 14R	Screw Tension Clamp SAUTER AC 14R

Model	Description
<u>AC 17R</u>	Long clamp SAUTER AC 17R
<u>AC 22R</u>	Fine point clamp SAUTER AC 22R
<u>AE 500</u>	Screw Tension Clamp SAUTER AE 500
<u>AFM 22</u>	Adapter KERN AFM 22
<u>AFM 23</u>	Sleeve SAUTER AFM 23
<u>FS TKZ</u>	Transport case SAUTER FS TKZ
<u>AE 01</u>	Standard Clamp AE 01
<u>AE 02</u>	Standard Clamp AE 02
<u>AE 03</u>	Clamp SAUTER AE 03
<u>AE 04</u>	Clamp SAUTER AE 04
<u>AE 05</u>	Rope and thread tension clamp SAUTER AE 05
<u>AE 06</u>	Cable removal clamp SAUTER AE 06
<u>AE 07</u>	Wedge Clamp with jaws AE 07

SERVICES

Model	Description
<u>AC 01</u>	Screw Tension Clamp SAUTER AC 01
<u>AC 14</u>	Screw Tension Clamp SAUTER AC 14
<u>AC 22</u>	Fine point clamp SAUTER AC 22
<u>AC 17</u>	Long clamp SAUTER AC 17
<u>AFK 02</u>	Stainless steel handle bar SAUTER AFK 02
<u>FK-A01</u>	Attachments SAUTER FK-A01
<u>AC 430</u>	Standard attachments AC 430
<u>AC 01R</u>	Screw Tension Clamp SAUTER AC 01R
<u>AC 14R</u>	Screw Tension Clamp SAUTER AC 14R
<u>AC 17R</u>	Long clamp SAUTER AC 17R
<u>AC 22R</u>	Fine point clamp SAUTER AC 22R
<u>AE 500</u>	Screw Tension Clamp SAUTER AE 500
<u>AFM 22</u>	Adapter KERN AFM 22
<u>AFM 23</u>	Sleeve SAUTER AFM 23
<u>FS TKZ</u>	Transport case SAUTER FS TKZ

Model	Description
<u>AE 01</u>	Standard Clamp AE 01
<u>AE 02</u>	Standard Clamp AE 02
<u>AE 03</u>	Clamp SAUTER AE 03
<u>AE 04</u>	Clamp SAUTER AE 04
<u>AE 05</u>	Rope and thread tension clamp SAUTER AE 05
<u>AE 06</u>	Cable removal clamp SAUTER AE 06
<u>AE 07</u>	Wedge Clamp with jaws AE 07

SPARE PARTS

Model	Description
<u>AC 01</u>	Screw Tension Clamp SAUTER AC 01
<u>AC 14</u>	Screw Tension Clamp SAUTER AC 14
<u>AC 22</u>	Fine point clamp SAUTER AC 22
<u>AC 17</u>	Long clamp SAUTER AC 17
<u>AFK 02</u>	Stainless steel handle bar SAUTER AFK 02
<u>FK-A01</u>	Attachments SAUTER FK-A01
<u>AC 430</u>	Standard attachments AC 430
<u>AC 01R</u>	Screw Tension Clamp SAUTER AC 01R
<u>AC 14R</u>	Screw Tension Clamp SAUTER AC 14R
<u>AC 17R</u>	Long clamp SAUTER AC 17R
<u>AC 22R</u>	Fine point clamp SAUTER AC 22R
<u>AE 500</u>	Screw Tension Clamp SAUTER AE 500
<u>AFM 22</u>	Adapter KERN AFM 22
<u>AFM 23</u>	Sleeve SAUTER AFM 23
<u>FS TKZ</u>	Transport case SAUTER FS TKZ
<u>AE 01</u>	Standard Clamp AE 01
<u>AE 02</u>	Standard Clamp AE 02
<u>AE 03</u>	Clamp SAUTER AE 03
<u>AE 04</u>	Clamp SAUTER AE 04
<u>AE 05</u>	Rope and thread tension clamp SAUTER AE 05
<u>AE 06</u>	Cable removal clamp SAUTER AE 06

Model name	Max. Force	Readability
FK 1K	1 kN	0.5 N
FK 1K	1 kN	0.5 N
FK 1K	1 kN	0.5 N
FK 1K	1 kN	0.5 N
FK 1K	1 kN	0.5 N
FK 1K	1 kN	0.5 N