

# SAUTER FK 500

Robust, digital force gauge for tensile and compressive force measurements



## Functions

Hold function	✓
Peak function	✓

## Power Supply

Supplied power supply	Power supply & battery included
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	US
Input voltage power supply / power [Max]	100 V - 240 V
Input voltage device / power [Max]	9 V, 300 mA
Power socket for mains adapter	Hollow plug, inside minus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
Battery / accumulator type	Alkali(-Manganese)
Battery	6×1.5 V AA
Battery connection	Pad + Spring
Battery operating time - backlight off	25 h
Battery operating time	25 h
Battery voltage	9 V
Battery - Number of cells	6
Battery - Individual weight	138 g
Battery - Total weight	828 g
Battery - Construction	Individual cells
Battery capacity (Wh)	4,3 Wh
Battery/Accu connected	not connected, enclosed

## Category

Brand	Sauter
Product category	Force measurement
Product group	Digital force gauge (internal measuring cell)
Product family	FK

## Measuring System

Measuring range force [Max] (N)	500 N
Readability force [d] (N)	0,2 N
Measuring head measuring frequency	1000 Hz
Overload protection (% of [Max])	200%
Tolerance (% of [Max])	0,5%
Directions of force	tension compression
Default unit	N
Number of platforms / channels	1

## Display

Display type	LCD
Display digit height	18 mm
Screen reversible	✓

## Construction

Dimension housing (W×D×H)	195×84×35 mm
Dimensions completely mounted (W×D×H)	195×84×35 mm
Material housing	plastic
Load support (tensile force)	Hook

## Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	60 °C

## Approval

CE mark	✓
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## Services (optional)

Article number for DAkKS calibration (tensile force)	963-1610
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Article number for DAkkS calibration (compressive force) 963-2610

Article number for DAkkS calibration (tensile force/ compressive force) 963-3610

Article number for factory calibration (tensile force) 961-1610

Article number for factory calibration (compressive force) 961-2610

Article number for factory calibration (tensile force/ compressive force) 961-3610

## Packing & Shipping

Delivery time 1 d  
Dimensions packaging (W×D×H) 255×250×80 mm  
Shipping method Parcel service  
Net weight approx. 0,65 kg  
Gross weight approx. 0,90 kg  
Shipping weight 1 kg

## Product information

GTIN/EAN number 4045761139541  
REACH classification no prohibited substances

## Pictograms

### STANDARD



### OPTION

