

SAUTER FH 500S71

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



Category

Brand	Sauter
Product category	Force measurement
Product group	Force-Measuring Bundle
Product family	S71

Measuring System

Directions of force	tension compression
Measuring range force [Max] (N)	500 N
Readability force [d] (N)	0,1 N
Measuring head measuring frequency	2 kHz
Internal data memory: Number of value groups	1
Overload protection (% of [Max])	150%
Tolerance (% of [Max])	0,5%
Internal data memory: Number of individual values	10
Number of platforms / channels	1
Default unit	N

Display

Display type	LCD
Display digit height	10 mm
Screen reversible	✓

Construction

Material housing	plastic
Maximum clamp width	10 mm
Tensile/compressive force [Max]	500 N

Functions

Function for averaging	✓
Limit-setting function	✓
Hold function	✓
Peak function	✓
Memory function	✓
Statistic function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 60 min

Interface

Interfaces	RS-232 standard
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Power Supply

Supplied power supply	Accu & Power supply
Power supply type	Power adapter
Input voltage device / power [Max]	5 V, 1 A
Power socket for mains adapter	USB C
Battery / accumulator type	NiMH
Rechargeable battery operating time - backlight on	10 h
Rechargeable battery operating time - backlight off	12 h
Rechargeable battery charging time	72 min
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Approval

CE mark	✓
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Services (optional)

Article number for DAkKS calibration (tensile force)	963-161
Article number for DAkKS calibration (compressive force)	963-261
Article number for DAkKS calibration (tensile force/compressive force)	963-361
Article number for factory calibration (tensile force)	961-161

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Article number for factory calibration (compressive force) 961-261

Article number for factory calibration (tensile force/ compressive force) 961-361

Packing & Shipping

Delivery time 1 d
Dimensions packaging (W×D×H) 312×170×60 mm
Shipping method Parcel service
Net weight approx. 0,85 kg
Gross weight approx. 1,4 kg
Shipping weight 1,4 kg

Product information

GTIN/EAN number 4045761273634
Trade number 90248000
REACH classification no prohibited substances

Pictograms

STANDARD



OPTION

