SAUTER **FH 500S71**

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



Date of creation: 24.10.2026

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	
Hold function	✓
Peak function	✓
Statistic function	✓
Memory function	✓
Function for averaging	✓
Limit-setting function	✓

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

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

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Packing & Shipping

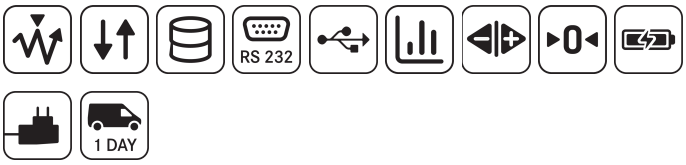
Delivery time	1 d
Dimensions packaging (W×D×H)	312×170×60 mm
Shipping method	Parcel service
Net weight approx.	0,85 kg
Gross weight approx.	1,4 kg
Shipping weight	1,4 kg
Shipping volume weight	0,6 kg

Product information

GTIN/EAN number	4045761273634
Trade number	90248000
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

