

KERN FH 500S71



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



Category	
Brand	Sauter
Product category	Force measurement
Product group	Force-Measuring Bundle

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

Approval	
CE mark	✓

Display	
Display type	LCD
Display digit height	10 mm
Screen reversible	✓

Construction	
Material housing	plastic
Tensile/compressive force [Max]	500 N

Maximum clamp width	10 mm
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Functions	
Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 60 min
Hold function	✓
Peak function	✓
Statistic function	✓
Limit-setting function	✓
Memory function	✓
Interfaces	RS-232 standard

Power Supply	
Input voltage power supply / power [Max]	100 V - 240 V
Input voltage device / power [Max]	12 V, 400 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery & Power supply
Rechargeable battery charging time	4 h
Rechargeable battery operating time - backlight on	10 h
Rechargeable battery operating time - backlight off	12 h
Battery / accumulator type	NiMH

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

Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	312×170×60 mm
Net weight	0,85 kg
Shipping method	Parcel service
Net weight approx.	0,85 kg
Gross weight approx.	1,4 kg
Shipping weight	1,4 kg

Services (optional)	
Article number for DAkKS calibration (tensile force)	963-161
Article number for DAkKS calibration (compressive force)	963-261

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

STANDARD



OPTION

