

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
Product family	S71

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

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

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

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	✓

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

KERN FH 500S71



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

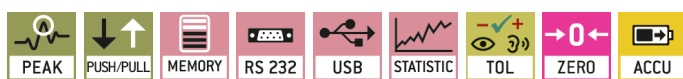
Article number for factory
calibration (tensile force/
compressive force) 961-361

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

Pictograms

STANDARD



OPTION

