

# KERN FH 500S71

# KERN

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

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

## 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	Accu & 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

# KERN FH 500S71

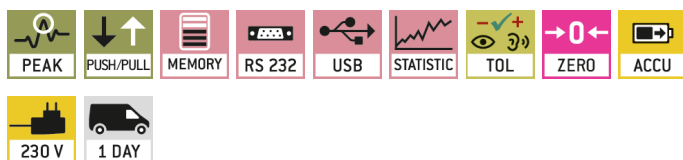


The practical all-in-one package for rapid, simple testing

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

## Pictograms

### STANDARD



### OPTION

