

KERN FH 500S71



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



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 plug-in 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

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

Packing & Shipping	
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	312×170×60 mm
Net weight approx.	0,85 kg
Gross weight approx.	1,4 kg
UN number (hazardous goods)	3496

Services (optional)	
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

Category

Brand	Sauter
Product category	Force gauges

Measuring System

Readability force [d] (N)	0,1 N
Overload protection (% of [Max])	150%
Measuring range [Max] (N)	500 N
Tolerance (% of [Max])	0,5%
Default unit	N
Measuring head measuring frequency	2 kHz
Directions of force	pull push

Approval

CE mark	✓
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Display

Display digit height	10 mm
Screen reversible	✓

Construction

Dimensions completely mounted (W×D×H)	230×66×36 mm
Material housing	plastic

Functions

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

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Piktogramme

STANDARD



OPTION

