

KERN FS 2-50KSP1

Ready-assembled set consisting of premium force gauge FS 2 and external "S" measuring cell CS 5000-3P1 for tensile and compressive force measurements



Mounting - force application	Threaded hole M20 × 1,5
Mounting - force dissipation	Threaded hole M20 × 1,5
Dimensions load cell	76,2×101,6×25,4 mm

Functions

Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Peak function	✓
Statistic function	✓
Memory function	✓
Interfaces	USB-Device

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	USB including power supply
Supplied power supply	Accu & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	5 h
Rechargeable battery operating time - backlight off	8 h
Battery / accumulator type	Li-Ion
Battery connection	2-pole tub connector
Battery capacity	2.400 mAh
Battery voltage	3,7 V

Packing & Shipping

Readability force [d] (N)	3 d
Net weight	1,66 kg
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	2,8 kg
Shipping weight	2,61 kg

Services (optional)

Article number for factory calibration (tensile force)	961-165
Article number for factory calibration (compressive force)	961-265

Category

Brand	Sauter
Product category	Force measurement
Product group	Force measuring device set
Product family	FS SP1

Measuring System

Default unit	N
Measuring range force [Max] (N)	50 kN
Readability force [d] (N)	10 N
Directions of force	tension compression
Measuring head measuring frequency	1000 Hz
Number of platforms / channels	2

Approval

CE mark	✓
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Display

Display type	TFT, color
Display resolution	320×480
Languages of the user interface	German English French Spanish Italian

Construction

Material display housing	Plastics
Material housing	plastic

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Article number for factory calibration (tensile force/ compressive force)	961-365
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Pictograms

STANDARD

PEAK	SCAN	PUSH/PULL	MEMORY	USB	KCP PROTOCOL	TOL	ZERO	IP 67
ACCU	230 V	3 DAYS						

OPTION

SOFTWARE	DAKKS +4 DAYS	ISO +4 DAYS
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