

# KERN FS 2-1KSP1



Ready-assembled set consisting of premium force gauge FS 2 and external "S" measuring cell CS 100-3P1 for tensile and compressive force measurements



Mounting - force application	Threaded hole M10
Mounting - force dissipation	Threaded hole M10
Dimensions load cell	50,8×76,2×19 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	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
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	0,88 kg
Shipping method	Parcel service
Net weight approx.	0,90 kg
Gross weight approx.	2,0 kg
Shipping weight	1,835 kg

## Services (optional)

Article number for DAkkS calibration (tensile force)	963-162
Article number for DAkkS calibration (compressive force)	963-262
Article number for DAkkS calibration (tensile force/compressive force)	963-362

## 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)	1 kN
Readability force [d] (N)	0,2 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

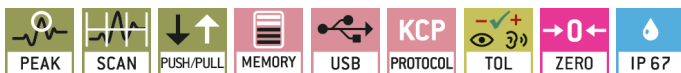
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## Pictograms

### STANDARD



### OPTION

