

# KERN FS 2-100KRY1

Ready-assembled set consisting of premium force gauge FS 2 and load cell CR 10000-1Y1 for tensile and compressive force measurements



Mounting - force application	Threaded hole M32 × 1,5
Mounting - force dissipation	8 × through hole Ø 8,5 mm
Dimensions load cell (cylindrical)	125×52 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	2 kg
Shipping method	Parcel service
Net weight approx.	2,0 kg
Gross weight approx.	3,0 kg
Shipping weight	2,985 kg

## Services (optional)

Article number for factory calibration (tensile force)	961-166
Article number for factory calibration (compressive force)	961-266

## Category

Brand	Sauter
Product category	Force measurement
Product group	Force measuring device set
Product family	FS RY1

## Measuring System

Default unit	N
Measuring range force [Max] (N)	100 kN
Readability force [d] (N)	20 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)	961-366
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## Pictograms

### STANDARD

PEAK	SCAN	PUSH/PULL	MEMORY	USB	KCP PROTOCOL	TOL	ZERO	IP 68
ACCU	230 V	3 DAYS						

### OPTION

SOFTWARE	DAKKS +4 DAYS	ISO +4 DAYS
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