

# KERN FS 2-50KRY1

**KERN**

Ready-assembled set consisting of premium force gauge FS 2 and load cell CR 5000-1Y1 for tensile and compressive force measurements



## Functions

IP protection - load cell	IP68
Peak function	✓
Memory function	✓
Statistic function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable

## Interface

Interfaces	USB-Device
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## Power Supply

Supplied power supply	Accu & Power supply
Plug-in power supply type	USB including power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V, 1 A
Battery / accumulator type	Li-Ion
Battery connection	2-pole tub connector
Battery capacity	2.400 mAh
Battery voltage	3,7 V
Rechargeable battery	3,7V, 2400mAh
Rechargeable battery operating time - backlight on	5 h
Rechargeable battery operating time - backlight off	8 h
Rechargeable battery charging time	8 h

## Approval

CE mark	✓
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## Services (optional)

Article number for factory calibration (tensile force)	961-165
Article number for factory calibration (compressive force)	961-265
Article number for factory calibration (tensile force/ compressive force)	961-365

## Category

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

## Measuring System

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

## Display

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

## Construction

Dimensions load cell (cylindrical)	105×37 mm
Material housing	plastic
Material display housing	Plastics
Mounting - force dissipation	8 × through hole Ø 6,5 mm
Mounting - force application	Threaded hole M16 × 1,5



# KERN FS 2-50KRY1



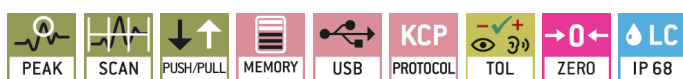
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## Packing & Shipping

Delivery time	3 d
Shipping method	Parcel service
Net weight approx.	2,0 kg
Gross weight approx.	3,0 kg
Shipping weight	2,985 kg

## Pictograms

### STANDARD



### OPTION

