

# KERN FS 2-100KRQ1

**KERN**

Ready-assembled set consisting of premium force gauge FS 2 and external round miniature measuring cell CR 10000-1Q1 for compressive force measurements



## Category

Brand	Sauter
Product category	Force measurement
Product group	Force measuring device set
Product family	FS RQ1

## Measuring System

Measuring range force [Max] (N)	100 kN
Readability force [d] (N)	20 N
Measuring head measuring frequency	1000 Hz
Default unit	N
Number of platforms / channels	2
Directions of force	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)	82×44 mm
Material housing	plastic
Material display housing	Plastics

## 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
------------	------------

## 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	✓
---------	---

## Services (optional)

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

## Packing & Shipping

Delivery time	3 d
Shipping method	Parcel service
Net weight approx.	1,4 kg
Gross weight approx.	2,4 kg
Shipping weight	2,362 kg

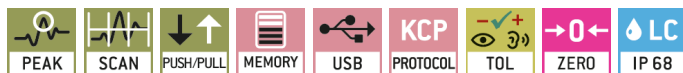
# KERN FS 2-100KRQ1



Ready-assembled set consisting of premium force gauge FS 2 and external round miniature measuring cell CR 10000-1Q1 for compressive force measurements

## Pictograms

### STANDARD



### OPTION

