

# SAUTER FS 2-50KRY 1

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
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
Power socket for mains adapter	USB C
Battery / accumulator type	Li-Ion
Battery connection	2-pole tub connector
Battery capacity	2.400 mAh
Battery voltage	3,7 V
Battery - Number of cells	1
Battery - Construction	Inseparable connection of cells (pack)
Battery capacity (Wh)	8,88 Wh
Battery - Lithium content	720 mg
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
Battery/Accu connected	fixed electrical connection, not insulated

## Approval

CE mark	✓
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## Category

Brand	Sauter
Product category	Force measurement
Product group	Force gauge 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
Directions of force	tension compression
Default unit	N
Number of platforms / channels	2

## 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	plastic
Mounting - force dissipation	8 × through hole Ø 6,5 mm
Mounting - force application	Threaded hole M16 × 1,5

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**KERN**

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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

## Packing & Shipping

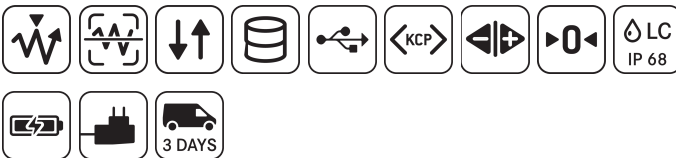
Delivery time	3 d
Dimensions packaging (W×D×H)	410×270×240 mm
Shipping method	Parcel service
Net weight approx.	2,0 kg
Gross weight approx.	3,0 kg
Shipping weight	5,3 kg

## Product information

GTIN/EAN number	4045761358324
Trade number	90248000
REACH classification	no prohibited substances

## Pictograms

### STANDARD



### OPTION

