

SAUTER 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



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

Directions of force	tension compression
Measuring range force [Max] (N)	100 kN
Readability force [d] (N)	20 N
Measuring head measuring frequency	1000 Hz
Number of platforms / channels	2
Default unit	N

Display

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

Construction

Dimensions load cell (cylindrical)	125×52 mm
Material housing	plastic
Material display housing	plastic
Mounting - force dissipation	8 × through hole Ø 8,5 mm
Mounting - force application	Threaded hole M32 × 1,5

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Services (optional)

Article number for factory calibration (tensile force)	961-166
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Article number for factory calibration (compressive force)	961-266
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Article number for factory calibration (tensile force/ compressive force)	961-366
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Packing & Shipping

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

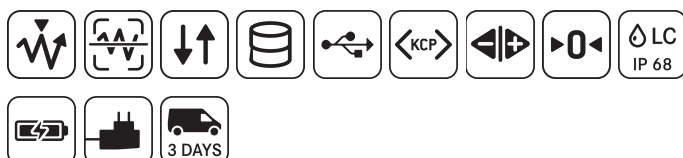
GTIN/EAN number	4045761358447
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Trade number	90248000
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REACH classification	no prohibited substances
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Pictograms

STANDARD



OPTION

