SAUTER **FS 2-100KSP1**

Ready-assembled set consisting of premium force gauge FS 2 and external "S" measuring cell CS P1 for tensile and compressive force measurements



Category

Brand	Sauter
Product categoriy	Force measurement
Product group	Force gauge set
Product family	FS SP1

Measuring System

Measuring range force [Max] (N)	100 kN
Readability force [d] (N)	20 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	125×175×50 mm
Material housing	plastic
Material display housing	plastic
Mounting - force dissipation	Threaded hole M33 × 3
Mounting - force application	Threaded hole M33 × 3

Functions

IP protection - load cell	IP67
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
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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Services (optional)

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

Packing & Shipping

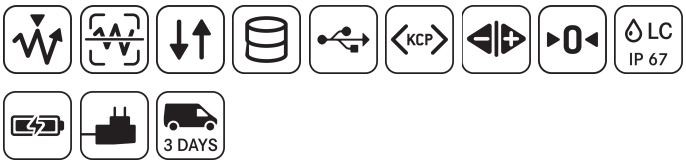
Delivery time	3 d
Dimensions packaging (W×D×H)	420×420×310 mm
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	10 kg
Shipping weight	10,9 kg

Product information

GTIN/EAN number	4045761358522
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

