

KERN FS 2-100OY2

Pre-configured set consisting of the premium force gauge FS-2 and the measuring cell CO 10-Y2 (For tensile force and compressive force measurements)



Mounting - force dissipation	External thread M5
Dimensions load cell (cylindrical)	26×37,5 mm

Functions

Peak function	✓
Memory function	✓
Statistic function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable

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

Packing & Shipping

Delivery time	3 d
Net weight	0,372 kg
Shipping method	Parcel service
Net weight approx.	0,40 kg
Gross weight approx.	1,4 kg
Shipping weight	1,268 kg

Services (optional)

Article number for DAkkS calibration (tensile force)	963-161
Article number for DAkkS calibration (compressive force)	963-261

Category

Brand	Sauter
Product category	Force measurement
Product group	Force measuring device set
Product family	FS OY2

Measuring System

Number of platforms / channels	2
Directions of force	tension compression
Default unit	N
Readability force [d] (N)	0,02 N
Measuring head measuring frequency	1000 Hz

Approval

CE mark	✓
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Display

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

Construction

Material display housing	Plastics
Material housing	plastic
Mounting - force application	External thread M5

KERN FS 2-1000Y2



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Article number for DAkkS calibration (tensile force/ compressive force)	963-361
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Interface

Interfaces	USB-Device
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Pictograms

STANDARD



OPTION

