

# KERN FS 2-100



Premium force gauge with integrated load cell and connection possibility for up to 4 external load cells



Dimensions completely mounted (W×D×H)	71×31×180 mm
Material display housing	Plastics
Material housing	plastic
Mounting - force application	External thread M6

## Functions

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

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	USB including power supply
Supplied power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	5 h
Rechargeable battery operating time - backlight off	8 h
Battery / accumulator type	Li-Ion
Battery connection	2-pole tub connector
Battery capacity	2.400 mAh
Battery voltage	3,7 V

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	280×185×90 mm
Net weight	0,4 kg
Shipping method	Parcel service
Net weight approx.	0,40 kg
Gross weight approx.	1,4 kg
Shipping weight	1,25 kg

## Services (optional)

Article number for DAkkS calibration (tensile force)	963-161
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## Category

Brand	Sauter
Product category	Force measurement
Product group	Digital force gauge
Product family	FS

## Measuring System

Default unit	N
Measuring range force [Max] (N)	100 N
Readability force [d] (N)	0,02 N
Directions of force	tension compression
Measuring head measuring frequency	1000 Hz
Number of platforms / channels	2
Overload protection (% of [Max])	150%

## 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

Dimension display device (W×D×H)	71×31×180 mm
Dimension housing (W×D×H)	71×31×180 mm

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

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

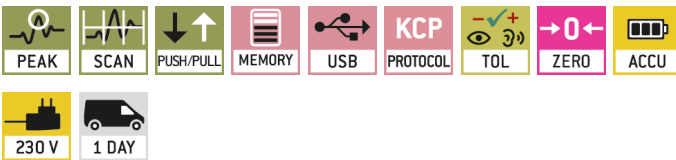
Article number for factory calibration (tensile force) 961-161

Article number for factory calibration (compressive force) 961-261

Article number for factory calibration (tensile force/compressive force) 961-361

## Pictograms

### STANDARD



### OPTION

