

# KERN FS 2-500OY1

**KERN**

Pre-configured set consisting of the premium force gauge FS 2 and the measuring cell CO 50-Y1



Category	
Brand	Sauter
Product category	Force measurement
Product group	Force measuring device set
Product family	FS OY1

Measuring System	
Measuring range force [Max] (N)	500 N
Readability force [d] (N)	0,1 N
Measuring head measuring frequency	1000 Hz
Default unit	N
Number of platforms / channels	2
Directions of force	compression

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

Construction	
Dimensions load cell (cylindrical)	20×12 mm
Material housing	plastic
Material display housing	Plastics
Mounting - force dissipation	3 × threaded hole M3
Mounting - force application	Thrust piece (from customer side)

Functions	
IP protection - load cell	IP65
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
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

Approval	
CE mark	✓

Services (optional)	
Article number for DAkKS calibration (compressive force)	963-261

Packing & Shipping	
Delivery time	3 d
Shipping method	Parcel service
Net weight approx.	0,35 kg
Gross weight approx.	1,4 kg
Shipping weight	1,245 kg

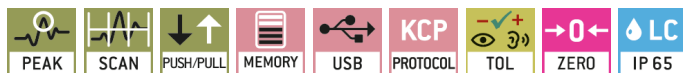
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## Pictograms

### STANDARD



### OPTION

