

# KERN FC 1K-BT

Compact force measuring instrument

# KERN



Category	
Brand	Sauter
Product category	Force measurement
Product group	Concrete tester
Product family	FC

Measuring System	
Default unit	N
Tolerance (% of [Max])	0,3%
Measuring range force [Max] (N)	1 kN
Readability force [d] (N)	1 N
Directions of force	tension compression
Measuring head measuring frequency	1000 Hz
Number of platforms / channels	1
Overload protection (% of [Max])	150%
Internal data memory: Number of individual values	500

Approval	
CE mark	✓

Display	
Display type	LCD
Display resolution	160×128
Display digit height	10 mm
Screen reversible	✓

Construction	
Dimension display device (W×D×H)	145×73×34 mm
Dimension housing (W×D×H)	145×73×34 mm

Dimensions completely mounted (W×D×H)	145×73×34 mm
Material display housing	Metal
Material housing	metal
Load support (tensile force)	Hook
Mounting - force application	External thread M6

Functions	
Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 60 min
Peak function	✓
Limit-setting function	✓
Memory function	✓
Interfaces	USB-Device

Power Supply	
Input voltage power supply / power [Max]	100 V - 240 V
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO CH
Plug-in power supply / adapter for countries - optional	UK US
Rechargeable battery charging time	4 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	20 h
Battery / accumulator type	NiMH
Battery connection	2-pole tub connector

Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	340×155×110 mm
Net weight	1,765 kg
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	2,0 kg
Shipping weight	2 kg

Services (optional)	
Article number for DAkkS calibration (tensile force)	963-162

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Compact force measuring instrument

Article number for DAkkS calibration (compressive force) 963-262

Article number for DAkkS calibration (tensile force/ compressive force) 963-362

Article number for factory calibration 961-162

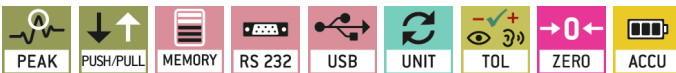
Article number for factory calibration (tensile force) 961-162

Article number for factory calibration (compressive force) 961-262

Article number for factory calibration (tensile force/ compressive force) 961-362

## Pictograms

### STANDARD



### OPTION

