SAUTER **FC 1K-BT**

Compact force measuring instrument



Date of creation: 24.10.2026

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

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

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

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

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

Interface	
Interfaces	RS-232 standard USB-Device

Power Supply	
Supplied power supply	Accu & Power supply
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO CH
Plug-in power supply / adapter for countries - optional	UK US
Input voltage power supply / power [Max]	100 V - 240 V
Power supply cable removable	removable
Input voltage device / power [Max]	5 V, 1 A
Power socket for mains adapter	USB B
Battery / accumulator type	NiMH
Battery connection	2-pole tub connector
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	20 h
Rechargeable battery charging time	4 h
Battery/Accu connected	fixed electrical connection, not insulated

Services (optional)	
Article number for DAkkS calibration (tensile force)	963-162
Article number for DAkkS calibration (compressive force)	963-262

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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

Packing & Shipping

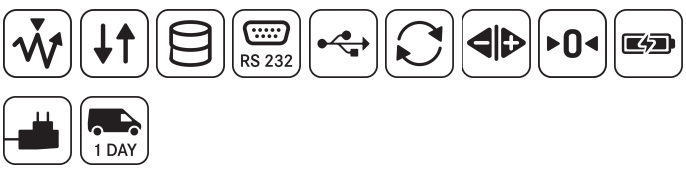
Delivery time	1 d
Dimensions packaging (W×D×H)	340×155×110 mm
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	2,0 kg
Shipping weight	2 kg
Shipping volume weight	1,2 kg

Product information

GTIN/EAN number	4045761247802
Trade number	90248000
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

