

KERN FCB 3K0.1-2023e

Bench Scale KERN FCB 3K0.1-2023e

KERN



Construction

Dimension housing (W×D×H)	322,6×267,2×90,7 mm
Dimensions weighing platform (W×D×H)	253,4×228×12,5 mm
Dimensions completely mounted (W×D×H)	322,6×267,2×103,2 mm
Dimensions weighing surface (W×D)	252×225 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	Stainless steel
Material load cell(s)	aluminium

Functions

Number of keys for operation	6
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Capacity display	✓
Tare function	manual (single & multi)
Percentage determination	✓
Counting function	✓
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Rez A (Net total)
Underfloor weighing	None
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
IP protection - platform	no IP protection

Counting

Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Counting reference weight can be entered	✓
Reference quantity	10, 20, 50, 100, n (any number of pieces)
Counting resolution (laboratory conditions)	15.000

Power Supply

Input voltage power supply / power [Max]	100 - 240 V 50/60 Hz 0.5 A
Input voltage device / power [Max]	6 V, 1 A
Plug-in power supply type	Power adapter

Category

Brand	KERN
Product category	Industrial scales
Product group	Bench scales

Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	3000 g
Eccentric loading at 1/3 [Max]	0,3 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Weighing system	Strain gauge
Resolution	30.000
Units	kg g gn dwt ct lb oz ffa
Default unit	g
Stabilization time	2 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (M1); 1 kg (M1)
Possible calibration points	1 kg; 2 kg; 3 kg

Approval

CE mark	✓
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Display

Display digit height	24 mm
Display backlight	✓
Display screen size	120×38 mm
Languages of the user interface	Symbol language

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Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	90 h
Battery	no battery
Battery operating time	12 h

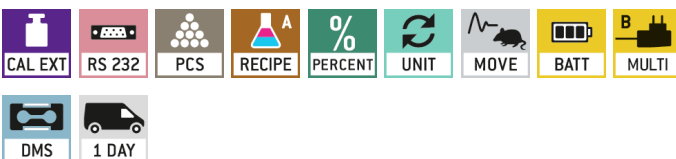
Environmental conditions	
Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

Packing & Shipping	
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	395×335×210 mm
Net weight approx.	3,4 kg
Gross weight approx.	4,2 kg
Shipping weight	5,2 kg

Services (optional)	
Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD



OPTION

