

KERN FCB 12K-4

Bench Scale KERN FCB 12K-4



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
Levelling feet adjustable	✓

Functions

Number of keys for operation	6
Auto-off interval(s) in mains power mode	off
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Capacity display	✓
Tare function	manual (single & multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓
Underfloor weighing	None

Interfaces

	RS-232 (optional)
	Ethernet (optional)
	Bluetooth BLE (v4.0) (optional)
	USB-Device (optional)
	KUP WiFi (optional)
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	100 mg
Smallest piece weight when piece counting - normal conditions	1 g

Category

Brand	KERN
Product category	Industrial scales
Product group	Bench scales

Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	12 kg
Eccentric loading at 1/3 [Max]	0,0005 kg
Reproducibility	0,0001 kg
Linearity	± 0,0003 kg
Weighing system	Strain gauge
Resolution	120.000
Units	kg g gn dwt ct lb oz ffa
Default unit	kg
Stabilization time	2 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	12 kg (F2)
Loadcell type	aluminium IP65 silicone-coated

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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Counting reference weight can be entered	✓
Reference quantity	10, 20, 50, 100, n (any number of pieces)
Counting resolution (laboratory conditions)	120.000

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
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 [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

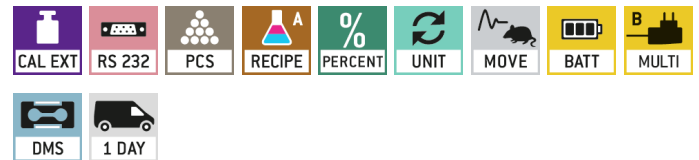
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	395×335×210 mm
Net weight approx.	3,4 kg
Gross weight approx.	4,2 kg
Shipping weight	7,2 kg

Services (optional)

Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD



OPTION

