

# KERN FCB 6K-3DM

The new FCB: Checkweighing and portioning scale with up to three interfaces, with optional verification



Eccentric loading at 1/3 [Max]	1 g; 2 g
Loadcell type	aluminium IP65 silicone-coated
Default unit	g
Conformity assessment possible	✓
Construction type of the scale	Multi-division balance

Approval	
CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	1 g; 2 g

Display	
Display type	LCD
Display backlight	✓
Display screen size	120×38 mm
Display digit height	25 mm
Languages of the user interface	English Symbol language

Construction	
Dimension housing (W×D×H)	322×267×91 mm
Dimensions completely mounted (W×D×H)	325×270×105 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	252×225 mm
Transport safety lock - bolt torque	0,4 Nm
Material load cell(s)	aluminium
Levelling feet adjustable	✓
Level indicator	✓

Functions	
Sum memory function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Alibi memory	internal memory
Alibi memory - number of memory spaces	250.000
Standby function	✓

Category	
Brand	KERN
Product category	Industrial scale
Product group	Bench scale
Product family	FCB

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	3000 g; 6000 g
Units (if device is conformity assessed)	kg g
Readability [d]	1 g; 2 g
Resolution	3.000, 3.000
Linearity	± 1 g; 2 g
Reproducibility	1 g; 2 g
Tare range	6000 g

Units	kg g gn dwt ozt ct lb oz ffa PCS %
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Minimum weight [Min]	20 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Possible calibration points	2 kg; 4 kg; 6 kg
Stabilization time	2 s
Warm-up time	10 min; 10 min

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Counting function	✓
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	5, 10, 20, 50, free, Input
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
Memory - total size	0,016 GB
	2 min
Auto-off interval(s) in battery mode/rechargeable battery mode	1 min 30 min 60 min 30 sec
Tare function	manual (multi)
Number of keys for operation	6

## Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
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
Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
Battery / accumulator type	Li-Ion
Battery operating time	20 h
Rechargeable battery operating time - backlight on	24 h
Rechargeable battery operating time - backlight off	48 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional

## Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %

Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	395×335×200 mm
Net weight	3,63 kg
Shipping method	Parcel service
Net weight approx.	3,8 kg
Gross weight approx.	4,6 kg
Shipping weight	5,3 kg

## Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for conformity assessment	965-228
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

## Interface

Interfaces	RS-232 (optional) Ethernet (optional) Alibi memory Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)
EasyTouch (ET) - Connection type	KUP
EasyTouch (ET) - Compatibility	vollständig

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## Pictograms

### STANDARD



### OPTION



### FACTORY

