KERN **FCB 15K-3DM**

Checkweighing and portioning scale with up to three interfaces, with optional verification

Date of creation: 03.10.2026

Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	6 kg; 15 kg
Readability [d]	0,002 kg; 0,005 kg
Reproducibility	0,002 kg; 0,005 kg
Linearity	± 0,002 kg; 0,005 kg
Minimum weight [Min] (verifiable)	0,04 kg
Resolution	3.000, 3.000
Tare range	15 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	15 kg (F2)
Possible calibration points	5 kg; 10 kg; 15 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,002 kg; 0,005 kg
Conformity assessment possible	✓
Construction type of the scale	Multi-division balance
Units	kg g gn dwt ct lb oz ffa PCS %
Units (if device is conformity assessed)	kg g
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated
Warm-up time	10 min; 10 min

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
Dimensions weighing surface (W×D)	252×225 mm
Dimensions weighing surface	252×225 mm
Material housing	plastic
Material weighing plate	stainless steel
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,4 Nm

Functions

IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
Percentage determination	✓
Standby function	✓
Sum memory function	✓
Tolerance weighing	✓
Conversion function	✓
Counting function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	2 min 1 min 30 min

KERN **FCB 15K-3DM**

Checkweighing and portioning scale with up to three interfaces, with optional verification

	60 min 30 sec
Tare function	manual (multi)
Underfloor weighing	None
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	500 mg
Reference quantity	5, 10, 20, 50, free, Input
Recipe/summing level	Sum A
Alibi memory	internal memory
Alibi memory - number of memory spaces	250.000
Memory - total size	0,016 GB
Number of keys for operation	6
Smallest piece weight when piece counting - normal conditions	5 g
Tolerance weighing - type of signal	acoustically visual

Interface

Interfaces	RS-232 (optional) Ethernet (optional) Alibi memory Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)
compatible with EasyTouch	✓

Power Supply

Supplied power supply	Power supply unit
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
Power supply cable removable	removable
Input voltage device / power [Max]	5,9V, 1A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 13 mm
Battery / accumulator type	Li-Ion
Battery operating time	20 h
Battery capacity	210 mAh
Battery voltage	3 V
Battery – Number of cells	1
Battery – Individual weight	3,2 g
Battery – Total weight	3,2 g
Battery – Construction	Individual cells
Battery capacity (Wh)	0,66 Wh
Battery – Lithium content	64 mg
Battery – Tests passed UN 38.3	✓
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
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

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	969-517

Packing & Shipping

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

KERN **FCB 15K-3DM**

Checkweighing and portioning scale with up to three interfaces, with optional verification

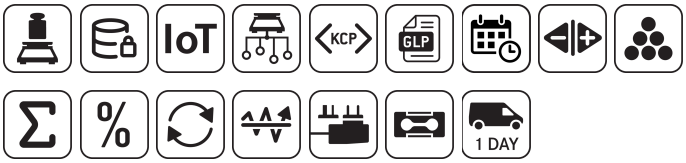
Shipping weight	5,3 kg
Shipping volume weight	5,3 kg

Product information

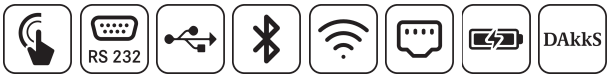
GTIN/EAN number	4045761243521
Trade number	84238129
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY