

KERN FCB 15K-3DM

KERN

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



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

Measuring System	
Construction type of the scale	Multi-division balance
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]	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
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,002 kg; 0,005 kg
Default unit	kg
Units	g
	gn
	dwt
	ct
	lb
	oz
	ffa

	PCS
	%
Units (if device is conformity assessed)	kg g
Conformity assessment possible	✓
Loadcell type	aluminium IP65 silicone-coated

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	Plastics
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,4 Nm

Functions	
Sum memory function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Conversion function	✓
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	✓
Counting function	✓
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓

KERN FCB 15K-3DM



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

Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 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
Auto-off interval(s) in battery mode/rechargeable battery mode	2 min
	1 min
	30 min
	60 min
Tare function	manual (multi)
Number of keys for operation	6

Interface

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

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,002 kg; 0,005 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	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
Shipping weight	5,3 kg

KERN FCB 15K-3DM



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

Pictograms

STANDARD



OPTION



FACTORY

