

KERN FCB 8K0.1

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



	ffa PCS %
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	
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	80.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	5, 10, 20, 50, free, Input
IP protection - complete device	-

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

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	8000 g
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Resolution	80.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (F1); 2 kg (F1); 1 kg (F1)
Possible calibration points	2 kg; 5 kg; 8 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	5 g
Maximum creep (15 minutes)	1 g
Maximum creep (30 minutes)	2 g
Default unit	g
Units	kg
	g
	gn
	dwt
	ozt
	ct
	lb oz

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IP protection - display	no IP protection
IP protection - load cell	IP65
	2 min
	1 min
Auto-off interval(s) in battery mode/rechargeable battery mode	30 min
	60 min
	30 sec
Tare function	manual (multi)
Number of keys for operation	6

Interface	
Interfaces	RS-232 (optional) Ethernet (optional) 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]	0 °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

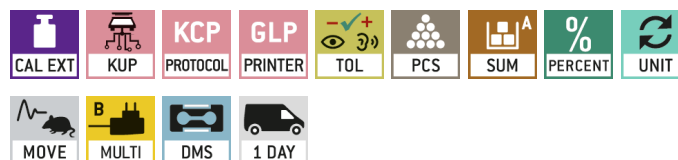
Approval	
CE mark	✓

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

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.	4,2 kg
Shipping weight	5,3 kg

Pictograms

STANDARD



OPTION

