

# KERN FCB 30K-4

# KERN

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



Maximum creep (30 minutes)	4 g
Construction type of the scale	Single-range balance
Maximum creep (15 minutes)	2 g

## Approval

CE mark	✓
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## 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
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	150.000
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

## Category

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

## Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,0002 kg
Resolution	150.000
Linearity	± 0,0006 kg
Reproducibility	0,0002 kg

Units	kg
	g
	gn
	dwt
	ozt
	ct
	lb
	oz
	ffa
	PCS
%	

Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (F1); 10 kg (F1)
Possible calibration points	10 kg; 20 kg; 30 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,001 kg
Loadcell type	aluminium IP65 silicone-coated
Default unit	kg

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Reference quantity	5, 10, 20, 50, free, Input
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	2 min
	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]	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

## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	395×335×200 mm
Net weight	3,91 kg
Shipping method	Parcel service

Net weight approx.	4,0 kg
Gross weight approx.	4,2 kg
Shipping weight	5,3 kg

## Services (optional)

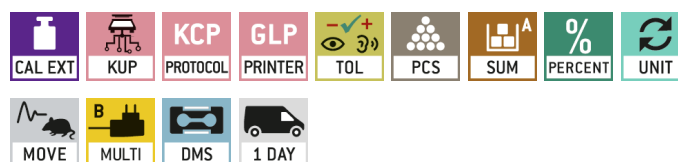
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

## Interface

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

## Pictograms

### STANDARD



### OPTION

