

# KERN FCB 30K1-2024a

Compact bench scale for rapid, simple checkweighing



Maximum creep (30 minutes)	8 g
----------------------------	-----

## Approval

CE mark	✓
---------	---

## Display

Display type	LCD
Display digit height	25 mm

## Construction

Dimension housing (W×D×H)	270×323×110 mm
Dimensions weighing platform (W×D×H)	252×228×12,5 mm
Dimensions completely mounted (W×D×H)	270×345×106 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	253×228 mm

## Functions

Number of keys for operation	5
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Rez A (Net total)
Underfloor weighing	None
Interfaces	RS-232 standard

## Counting

Smallest piece weight when piece counting - laboratory conditions	2 g
Smallest piece weight when piece counting - normal conditions	20 g
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	15.000

## Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit

## 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]	30000 g
Readability [d]	1 g
Resolution	30.000
Linearity	± 3 g
Reproducibility	1 g
Tare range	30000 g
Default unit	kg

	kg
	g
	dwt
	tl (Tw)
	tl (HK)
Units	ozt
	mo
	lb
	oz
	ffa
	tol

Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Possible calibration points	10 kg; 20 kg; 30 kg
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	5 g
Maximum creep (15 minutes)	4 g

# KERN FCB 30K1-2024a

Compact bench scale for rapid, simple checkweighing

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
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight on	5 h
Rechargeable battery operating time - backlight off	10 h
Battery	9 V block
Battery operating time	12 h

## Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	335×395×183 mm
Net weight	2,6 kg
Shipping method	Parcel service
Net weight approx.	2,6 kg
Gross weight approx.	3,4 kg
Shipping weight	4,8 kg

## Services (optional)

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

## Pictograms

### STANDARD



### OPTION

