# KERN FCB 30K1-2024a



Compact bench scale for rapid, simple checkweighing



Category	
Brand	KERN
Product categoriy	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
Units	kg g dwt tl (Tw) tl (HK) 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

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	Doz A (Not total)
Recipe/summing level Underfloor weighing	Rez A (Net total) None
Interfaces	RS-232 standard
Internace	NO 202 otalidara
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

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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

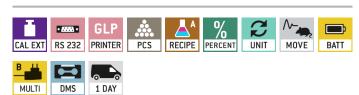
Environmental conditions	
Humity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

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**

