

KERN FCB 12K1-2024a

KERN

Compact bench scale for rapid, simple checkweighing



Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g

Approval	
CE mark	✓

Display	
Display type	LCD
Display backlight	✓
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
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	253×228 mm
Levelling feet adjustable	✓

Functions	
Number of keys for operation	5
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off
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)	6.000

Power Supply	
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA

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]	12000 g
Readability [d]	1 g
Resolution	12.000
Linearity	± 3 g
Reproducibility	1 g
Tare range	12000 g
Default unit	g

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

Adjustment options	Adjusting with external weight
Recommended adjusting weight	12 kg (M1)
Possible calibration points	4 kg; 8 kg; 12 kg
Stabilization time	3 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	5 g

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Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
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 / accumulator type	NiMH
Battery connection	9V Bloc
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)	340×405×185 mm
Net weight	2,7 kg
Shipping method	Parcel service
Net weight approx.	2,8 kg
Gross weight approx.	3,4 kg
Shipping weight	5,1 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

