

# KERN CXB 3K1NM

**KERN**

Entry level model into professional counting, counting resolution of 30,000 points, verification optional



Conformity assessment possible  
ex works ✓

## Display

Display type	LCD
Display backlight	✓
Display digit height	18 mm

## Construction

Dimension housing (W×D×H)	300×330×110 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	300×225 mm
Levelling feet adjustable	✓

## Functions

Number of keys for operation	20
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (multi)
Counting function	✓
Tolerance weighing - type of signal	acoustically
Recipe/summing level	Rez A (Net total)
Underfloor weighing	None

## Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	30.000

## Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Plug-in power supply type	Built-in power supply
Supplied power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK CH

## Category

Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	CXB

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	3000 g
Readability [d]	1 g
Resolution	3.000
Linearity	± 2 g
Reproducibility	1 g
Tare range	3000 g
Default unit	g
Units	kg g
Units (if device is conformity assessed)	g
Minimum weight [Min]	20 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (M1); 1 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	3 g

## Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	1 g

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Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	60 h
Rechargeable battery operating time - backlight off	200 h
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

## Environmental conditions

Humidity of environment [Min]	15 %
Humidity of environment [Max]	85 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	380×390×170 mm
Net weight	4 kg
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	4,4 kg
Shipping weight	5 kg

## Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for conformity assessment	965-227
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

