

# KERN CIB 6K-4

Robust counting scale with large article memory, convenient operating philosophy and checkweighing display, counting resolution up to 30,000 points



Display digit height	18 mm
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## Construction

Dimension housing (W×D×H)	350×330×120 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	315×215 mm
Display device cable length	5 m
Levelling feet adjustable	✓

## Functions

Number of keys for operation	34
PreTare function	✓
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Recipe/summing level	Sum A
IP protection - load cell	IP65

## Counting

Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 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]	100 V - 240 V AC 50/60 Hz 0.4 A max
Input voltage device / power [Max]	12 V, 1000 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO UK CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Rechargeable battery charging time	14 h

## Category

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

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6 kg
Readability [d]	0,0005 kg
Resolution	12.000
Linearity	± 0,002 kg
Reproducibility	0,001 kg
Tare range	6 kg
Default unit	kg
Units	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (M1)
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,003 kg
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g

## Approval

CE mark	✓
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## Display

Display type	LCD
Display backlight	blue, yellow, green, red

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Rechargeable battery operating time - backlight on	90 h
Rechargeable battery operating time - backlight off	160 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)	385×395×147 mm
Net weight	3,55 kg
Shipping method	Parcel service
Net weight approx.	3,6 kg
Gross weight approx.	4,4 kg
Shipping weight	4,5 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

