

# KERN CIB 3K-4

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



## 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]	3 kg
Readability [d]	0,0002 kg
Reproducibility	0,001 kg
Linearity	± 0,002 kg
Resolution	15.000
Tare range	3 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (M1)
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,003 kg
Maximum creep (15 minutes)	800 mg
Maximum creep (30 minutes)	1,6 g
Default unit	kg
Units	kg

## Display

Display type	LCD
Display backlight	blue, yellow, green, red
Display segments	6
Display digit height	18 mm

## Construction

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

## Functions

PreTare function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Counting function	✓
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	n (any number of pieces)
IP protection - load cell	IP65
Tare function	manual (multi)
Number of keys for operation	34

## Power Supply

Supplied power supply	Accu & Power supply
Plug-in power supply type	Power adapter
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
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
Battery / accumulator type	Pb
Battery connection	Plug-in terminals
Rechargeable battery	6 V, 4 Ah

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Rechargeable battery operating time - backlight on 90 h

Rechargeable battery operating time - backlight off 160 h

Rechargeable battery charging time 14 h

## Environmental conditions

Ambient temperature [Min] -10 °C

Ambient temperature [Max] 40 °C

Humidity of environment [Min] 15 %

Humidity of environment [Max] 85 %

## Approval

CE mark ✓

## Services (optional)

Article number for adjustment at the location of installation 961-247

Article number for DAkkS calibration 963-127

Article number for certificate of conformity (verification) 969-517

## Packing & Shipping

Delivery time 1 d

Dimensions packaging (W×D×H) 400×385×146 mm

Net weight 3,517 kg

Shipping method Parcel service

Net weight approx. 3,6 kg

Gross weight approx. 4,2 kg

Shipping weight 4,5 kg

## Pictograms

### STANDARD



### OPTION

DAkkS  
+3 DAYS