

KERN CIB 3K-4



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



Date of creation: 21.06.2026

Category	
Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	CIB
Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	3 kg
Readability [d]	0,0002 kg
Reproducibility	0,0002 kg
Linearity	± 0,0006 kg
Resolution	15.000
Tare range	3 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (M1)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,001 kg
Construction type of the scale	Single-range balance
Units	kg
Maximum creep (15 minutes)	800 mg
Maximum creep (30 minutes)	1,6 g
Default unit	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
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
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 1000 mA
Power socket for mains adapter	Inside plus, outside minus
Battery / accumulator type	Pb

KERN CIB 3K-4

KERN

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

Battery connection	Plug-in terminals
Rechargeable battery	6 V, 4 Ah
Rechargeable battery operating time - backlight on	90 h
Rechargeable battery operating time - backlight off	160 h
Rechargeable battery charging time	14 h
Battery/Accu connected	fixed electrical connection, not insulated

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	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	400×385×146 mm
Shipping method	Parcel service
Net weight approx.	3,6 kg
Gross weight approx.	4,2 kg
Shipping weight	4,5 kg
Shipping volume weight	4,5 kg

Product information

GTIN/EAN number	4045761214880
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

