

Date: 29.04.2025

## **PRODUCT BROCHURE**

# KERN CIB 10K-3



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

## **CONTACT**

Germany

KERN & SOHN GmbH Ziegelei 1 72336 Balingen

Email: info@kern-sohn.com
Web: www.kern-sohn.com

Fax : +49 7433 9933-149

Phone: +49 7433 9933-0



Scan here for more information



#### **PRODUCT SHOWCASE**











#### **DESCRIPTION**

- Precise, intuitive to use and digital with our counting scales you can accelerate your annual stock taking processes and thus save time and money
- Innovative counting with tolerance range (Checkweighing): The counting process can be supported visually and/or audibly and this therefore makes portion division, dispensing and grading easier
  - visual signal: the colour of the display changes depending on the counting result (not enough/ok/too much)
  - audible signal: the frequency of the audible signal changes depending on the counting result (not enough/ok/too much)
- Ideal for workshops for people with disabilities, particularly loud or quiet environments, where operators change frequently, etc.
- Three displays for weight display, reference weight, total pieces
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Programmable using numerical key pad:
  - required reference quantity
  - known reference weight



- Counting results memory: adds up all individual piece counts, result is shown in total weight and total pieces
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- 20 direct price keys for frequently recurring reference weights and PRE-Tare values
- Memory for 50 reference weights and PRE-Tare values
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Two balances in one: Changes from counting mode to weighing mode at the touch of a key
- Energy management: Backlight turns off after 5 sec, can be switched off
- · Protective working cover included with delivery

#### **SPECIFICATIONS**

# **Article codes, product groups & Status information**

Model article-code	CIB 10K-3
Model-Serie	CIB
Assortment	KERN
Product Type	Industrial scales
Product group	Counting scales
Product usage type	Main article
EAN code (Model)	4045761214828
Customs tariff number	84238129
CE Label	yes

#### **Technical data - Primary**

Weighing capacity	15 kg
Readability	0.001 kg
Counting resolution	30000
Minimum piece weight	5 g
Net weight	3.99 kg
Platform size	315×215 mm

#### **Technical data - Construction**

Casing material	plastic
Dimension housing (W×D×H)	350×330×120 mm
Material weighing plate	stainless steel
Bubble Level	yes
Revolving screw feet	yes
Weighing surface (d)	315×215 mm
Dimensions of weighing plate (W×D)	315×215 mm
IP protection load cell	IP65

## **Technical data - Display**

Display height	18 mm
Backlight	blue, yellow, green, red

#### **Technical data - Power supply**

Mains adapter/adapter included	CH;EURO;UK
Charging time	14 h



Input Voltage	100V-240V AC 50/60Hz 0.4 Amax
Operating time (Backlight off)	160 h

## **Technical data - Measuring system**

Calibration method	Adjusting with external weight
Linearity	± 0.003 kg
Readability	0.001 kg
Recommended adjusting weight	15 kg (M1)
Repeatability	0.001 kg
Resolution	15.000
Stabilisation time under laboratory conditions	2 s
Tare range	15 kg
Warm up time	30 min
Weighing system	Strain gauge
Weighing units	kg

## **Technical data - Environmental conditions**

Maximum humidity	85 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C
Minimum humidity	15 %

## **Technical data - Packing & Shipping**

Dimensions packaging (W×D×H)	385×400×150 mm
Gross weight	6 kg

Net weight	4 kg
Shipping method	Parcel service
UN number	2800
Packaging component - by weight - cardboard	597 g
Packaging component - by weight - plastics	597 g
Delivery time	1 d

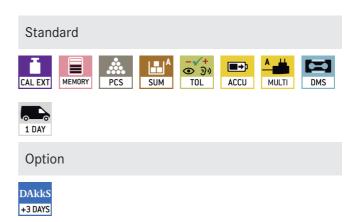
## **Technical data - Counting data**

Counting resolution	30000
Mininum piece weight at piece counting (Laboratory)	500 mg
Minimum piece weight	5 g

## **Optional Services**

DAkkS Calibration 963-128

#### **FUNCTIONS**







## **ACCESSORIES**

Model	Description	
GAB-A04	Internal Rechargeable Battery Pack KERN GAB-A04	
RIB-A01	Protective Working Cover KERN RIB-A01	
YKA-20	Power Adapter KERN YKA-20	

## **SERVICES**

Model	Description
963-128	DAkkS Calibration KERN 963-128
961-248	Adjustment at the location of installation 961-248
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-014	Warranty extension KERN (+3 years) 970-014

#### **SPARE PARTS**

Model	Description
RRIB-3001	LCD Display RRIB-3001
RRIB-5001	Power socket RRIB-5001
RRIB-6001	Weighing plate KERN RRIB-6001
RRIB-6002	Weighingplate carrier KERN RRIB-6002
RRIB-8001	Adjustable base foot RRIB-8001
RRIB-8003	Level bubble RRIB-8003
RRIB-9001	Dust protection ring, set KERN RRIB-9001
YKA-20	Power Adapter KERN YKA-20

## **RELATED ARTICLES DATA**

Model name	Weighing ca- pacity	Readability	Counting res- olution	Minimum piece weight	Net weight	Platform size
CIB 10K-3	15 kg	0.001 kg	30000	5 g	3.99 kg	315×215 mm
CIB 30K-3	30 kg	0.002 kg	30000	10 g	3.55 kg	315×215 mm
CIB 3K-4	3 kg	0.0002 kg	30000	1 g	3.517 kg	315×215 mm
CIB 6K-4	6 kg	0.0005 kg	30000	2 g	3.55 kg	315×215 mm