

PRODUCT BROCHURE

KERN CIB 30K-3

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ENGLISH



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

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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 30K-3
Model-Serie	CIB
Assortment	KERN
Product Type	Industrial scales
Product group	Counting scales
Product usage type	Main article
EAN code (Model)	404576 12 14835
Customs tariff number	84238 129
CE Label	yes

Technical data - Primary

Weighing capacity	30 kg
Readability	0.002 kg
Counting resolution	30000
Minimum piece weight	10 g
Net weight	3.55 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/adaptor 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	± 0.006 kg
Readability	0.002 kg
Recommended adjusting weight	30 kg (M1)
Repeatability	0.002 kg
Resolution	15.000
Stabilisation time under laboratory conditions	2 s
Tare range	30 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)	385×395×147 mm
Gross weight	4.4 kg

Net weight	3.6 kg
Shipping method	Parcel service
UN number	2800
Packaging component - by weight - cardboard	375 g
Packaging component - by weight - plastics	375 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	30000
Minimum piece weight at piece counting (Laboratory)	1 g
Minimum piece weight	10 g

Optional Services

DAkkS Calibration	963-128
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FUNCTIONS

Standard							
 CAL EXT	 MEMORY	 PCS	 SUM	 TOL	 ACCU	 MULTI	 DMS
 1 DAY							
Option							
 DAkkS +3 DAYS							

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 capacity	Readability	Counting resolution	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