PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN CIB 6K-4

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

ENGLISH



CONTACT

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FEATURES

- 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 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

TECHNICAL DATA

- Large backlit LCD displays, digit height 18 mm
- Dimensions weighing surface, stainless steel, W×D 315×215 mm
- Overall dimensions 350×330×120 mm
- Rechargeable battery pack integrated, as standard, operating time up to 160 h without backlight, charging time approx. 14 h
- Net weight approx. 3,6 kg
- Permissible ambient temperature -10 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Industry and production
- Warehouse logistics
- Quality control
- Counting applications
- Order picking and inventory

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Smallest part weight (Normal)	Counting resolution Points	Dimensions weighing surface
CIB 3K-4	3 kg	0,0002 kg	1 g	30.000	315×215 mm
CIB 6K-4	6 kg	0,0005 kg	2 g	30.000	315×215 mm
CIB 10K-3	15 kg	0,001 kg	5 g	30.000	315×215 mm
CIB 30K-3	30 kg	0,002 kg	10 g	30.000	315×215 mm

ACCESSORIES

Model	Description
346-76	Test weight 346-76 (OIML Class M1, Nominal value 5 kg, Block Eco, cast iron lacquered)
GAB-A04	Rechargeable battery pack GAB-A04 (Pb)
RIB-A01	Protective working cover RIB-A01

Model	Description
YKA-20	Power adapter YKA-20 (12 V, 1000 mA | 100 V - 240 V AC 50/60 Hz 0.4 A max | EURO, UK, US)

SERVICES

Model	Description
961-248	Adjustment at the location of installation 961-248 (Not in combination with verification)
963-128	DAkkS calibration certificate 963-128
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-014	Warranty extension (+3 years) 970-014

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Memory: Device-internal memory capacity, e.g. for article data, measuring data, tare weights, PLU etc.
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Sum function: The weight values of weighed items can be added together and the total printed out
	Measuring with tolerance range (checkweighing): Upper and lower limit values can be programmed, e.g. for sorting, portioning or for measuring coatings or material thicknesses. The process is supported by an acoustic and/or optical signal
	Rechargeable battery pack: Rechargeable set
	Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS
	Weighing principle Strain gauges: Electrical resistor on an elastic deforming body
	Package shipment by courier service: The duration of internal product provision is one day
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days

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