PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

31.10.2026

KERN CPE 6K-3

Compact bench scale for rapid, simple counting, checkweighing applications and much more, counting resolution of 30,000 points

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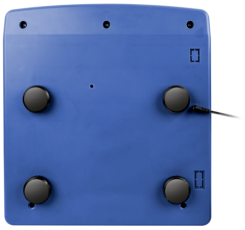
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FEATURES

- Precise, intuitive to use and digital – with our counting scales you can accelerate your annual stock taking processes and thus save time and money
- Three displays for weight display, reference weight, total pieces
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department, etc.)
- Compact size, practical for small spaces
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Summation of weight values
- RS-232 data interface for connection to a printer as standard

TECHNICAL DATA

- Large backlit LCD displays, digit height 20 mm
- Dimensions weighing surface, stainless steel, W×D 230×300 mm
- Rechargeable battery pack integrated, as standard, operating time up to 50 h without backlight, charging time approx.
- Net weight approx. 3,2 kg
- Permissible ambient temperature 0 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Order picking and inventory
- Packaging industry
- Quality control
- Dispatch

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Smallest part weight (Normal)	Counting resolution Points	Dimensions weighing surface
CPE 15K-3	15 kg	0,0005 kg	5 g	30.000	230×300 mm
CPE 30K-3	30 kg	0,001 kg	10 g	30.000	230×300 mm
CPE 6K-3	6000 g	0,2 g	2 g	30.000	230×300 mm

ACCESSORIES

Model	Description
AFH 13	Converter RS232 to USB AFH 13
CFS-A01	RS232 interface cable CFS-A01
YBA-A21	Protective working cover YBA-A21
YBA-A21S05	Protective working cover YBA-A21S05, scope of delivery: 5 items
YKA-48	Power adapter YKA-48 (5 V 1000 mA | 100 V - 240 V, 50 / 60 Hz | EURO, UK, CH)
YKC-01	Thermal printer YKC-01
YKH-01	Thermal printer YKH-01
YKR-03	Rechargeable battery pack YKR-03 (Li-Ion, 3,7 V, 4.000 mAh)
YKT-01	Needle printer YKT-01

SOFTWARE

Model	Description
SCD-4.0-DL	Software SCD-4.0-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-DLS05	Software SCD-4.0-DLS05 (Scope of supplies: Download link for 5 licenses)
SCD-4.0-PRO-DL	Software SCD-4.0-PRO-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-PRO-DL-AS05	Software SCD-4.0-PRO-DL-AS05 (Scope of supplies: Download link for 5 licenses)

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

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Model	Description
970-014	Warranty extension (+3 years) 970-014

KERN Pictogram Overview



External adjustment: Adjusting accuracy using external adjustment weight



Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible



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



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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