PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

31.10.2026

KERN EFC 100K-3

Platform scale with integrated rechargeable battery pack, a bright LED display and a column for greatest ease of use

ENGLISH



CONTACT

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FEATURES

- Weighing plate stainless steel, painted steel base
- Superior display size: digit height 52 mm, bright with high contrast for easy reading of weighing results, even in poor lighting conditions
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department, etc.)
- 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 LED segments display, digit height 52 mm
- Weighing platform dimensions, stainless steel, W×D×H 500×400×120 mm
- Dimensions of display device W×D×H 252×162×57 mm
- Net weight approx. 11 kg
- Permissible ambient temperature 0 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Industry
- Harsh industrial applications
- Production
- Warehousing
- Dispatch

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Dimensions weighing surface	Net weight approx.
EFC 30K-3	30 kg	0,002 kg	400×300 mm	8 kg
EFC 30K-3L	30 kg	0,002 kg	500×400 mm	11 kg
EFC 60K-3	60 kg	0,005 kg	400×300 mm	8 kg
EFC 60K-3L	60 kg	0,005 kg	500×400 mm	11 kg
EFC 100K-3	150 kg	0,01 kg	500×400 mm	11 kg
EFC 100K-3L	150 kg	0,01 kg	600×500 mm	20 kg
EFC 300K-2	300 kg	0,02 kg	600×500 mm	20 kg

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ACCESSORIES

Model	Description
AFH 13	Converter RS232 to USB AFH 13
CFS-A01	RS232 interface cable CFS-A01
KFB-A02	Protective working cover KFB-A02
KFB-A02S05	Protective working cover KFB-A02S05, 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
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
961-249	Adjustment at the location of installation 961-249 (Not in combination with verification)

Model	Description
963-129	DAkkS calibration certificate 963-129
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-016	Warranty extension (+3 years) 970-016

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
	Hold function: When the weighing conditions are unstable, a stable weight is calculated as an average value
	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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