PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

31.10.2026

KERN FCD 6K-3

Bench scale with integrated rechargeable battery pack for maximum freedom and a practical printer connection

ENGLISH



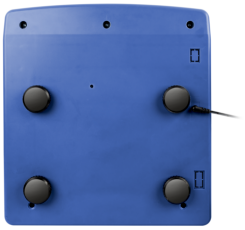
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FEATURES

- 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

- Backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 230×300 mm
- Overall dimensions 340×320×110 mm
- Rechargeable battery pack integrated, as standard, operating time up to 50 h without backlight
- Net weight approx. 3,2 kg
- Permissible ambient temperature 0 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Industry
- Logistics and packaging
- Dispatch
- Production

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Reproducibility	Linearity	Dimensions weighing surface
FCD 3K-3	3000 g	0,1 g	0,1 g	± 0,3 g	230×300 mm
FCD 6K-3	6000 g	0,2 g	0,2 g	± 0,6 g	230×300 mm
FCD 10K-3	15000 g	0,5 g	0,5 g	± 1,5 g	230×300 mm
FCD 30K-2	30000 g	1 g	1 g	± 3 g	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
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
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
	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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