PRODUCT BROCHURE

KERN
FCB 12K1-2024a

Date: 06.03.2025

Bench scale with second display on the backside of the scale
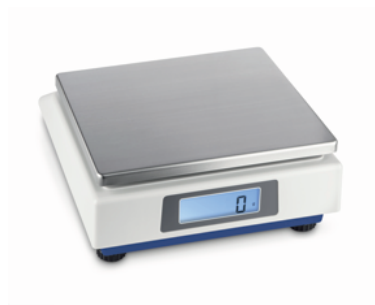
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PRODUCT SHOWCASE

DESCRIPTION

- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- Practical second display on the back of the balance
- High mobility: Thanks to battery operation/rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department, etc.)
- Data interface RS-232 as standard
- Protective working cover included with delivery

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	FCB 12K1-2024a
Model-Serie	FCB
Assortment	KERN
Product Type	Food scales
Product group	Bench scales
Product usage type	Main article
EAN code (Model)	4045761202641
Predecessor Model	FCB 12K1-2017a
Successor Model	FCB 12K1

Customs tariff number	84238129

Technical data - Primary

Weighing capacity	12000 g
Readability	1 g

Technical data - Construction

Material weighing plate	stainless steel
Revolving screw feet	yes
Weighing surface (d)	253×228 mm
Dimensions of weighing plate (W×D)	253×228 mm

Material casing	plastic

Technical data - Display

Display height	25 mm

Technical data - Power supply

Battery	9 V Block
Operating time	12 h
Mains adapter/adapter included	CH;EURO;UK;US
Charging time	10 h
Input Voltage	220 V - 240 V AC, 50 Hz
Operating time (Backlight off)	10 h
Rechargeable battery	Rchrg. battery optional

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 3 g
Readability	1 g
Recommended adjusting weight	12 kg (M1)
Repeatability	1 g
Weighing units	dwt;ffa;g;kg;lb;mo;oz;ozt; tl (HK);tl (Tw);tol
Weighing system	Strain gauge

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	35 °C

Minimum ambient temperature	5 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	340×405×185 mm
Gross weight	3.4 kg
Net weight	2.8 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	1167 g
Packaging component - by weight - plastics	22 g
Packaging component - by weight - styrofoam	384 g
Packaging component - by weight - foam	74 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	6000
Mininum piece weight at piece counting (Laboratory)	2 g
Minimum piece weight	20 g

Technical data - Verification

Verification approval conforming to 2014/31/EU	yes

Optional Services

DAkkS Calibration	963-128

FUNCTIONS

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Standard

CAL EXT	RS 232	GLP PRINTER	PCS	RECIPE	PERCENT	UNIT	MOVE

BATT	MULTI	DMS	1 DAY

Option

ACCU	DAkkS +3 DAYS

ACCESSORIES

Model	Description
FCB-A01	Internal Rechargeable Battery Pack KERN FCB-A01
911-013	Matrix needle printer KERN 911-013
YKN-01	Matrix needle printer KERN YKN-01
FCF-A01	Protective Working Cover KERN FCF-A01
FCF-A01S05	Protective Working Cover KERN FCF-A01S05
AFH 13	Converter KERN AFH 13
572-926	Interface cable 572-926

SERVICES

Model	Description
963-128	DAkkS Calibration KERN 963-128
970-014	Warranty extension KERN (+3 years) 970-014
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

SPARE PARTS

Model	Description
FCB-A01	Internal Rechargeable Battery Pack KERN FCB-A01
FCF-A01	Protective Working Cover KERN FCF-A01
RFCB-6001	Weighing plate KERN RFCB-6001
RPCB-5002	Cable RPCB-5002 KERN RPCB-5002
RFCF-8002	Battery compartment cover RFCF-8002
R440-000-13-001	DC socket R440-000-13-001

Model	Description
RFCBA-3001	LCD Display RFCBA-3001
RFCEA-6001	Weighing plate KERN RFCEA-6001
RFCBA-4001	Keyboard overlay KERN RFCBA-4001
RFCB-8014	Battery compartment cover KERN RFCB-8014
RTPCB-8001	Adjustable base foot KERN RTPCB-8001
YKA-03N	Power Adapter KERN YKA-03N

RELATED ARTICLES DATA

Model name	Weighing capacity	Readability
FCB 8K0.1-2024a	8000 g	0.1 g
FCB 12K1-2024a	12000 g	1 g

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