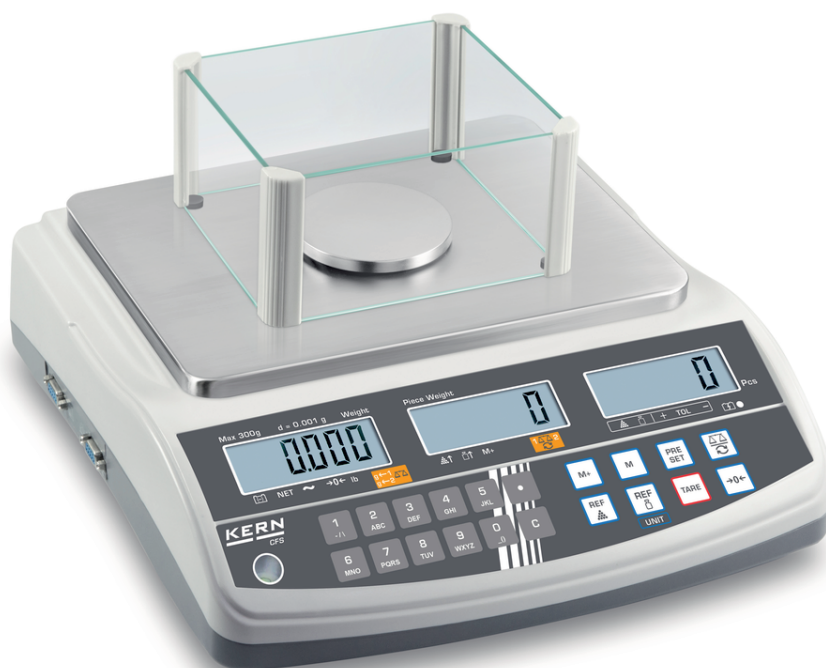


PRODUCT BROCHURE

KERN CFS 300-3

Date: 29.04.2025

ENGLISH



Professional, high-resolution counting scale with 100 item memories and second balance interface, counting resolution 300.000 points

CONTACT

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information

DESCRIPTION

- Precise, intuitive to use and digital – with our counting scales you can accelerate your annual stock taking processes and thus save time and money
- 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
- Three displays for weight display, reference weight, total pieces
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Fill-to-target function: Programmable target quantity or target weight e.g. for checkweighing. A signal will be displayed when the target value is reached
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- Second balance interface to construct a high-resolution counting system, standard, e.g. with weighing bridges of KERN KFP V20
- Draught shield standard, weighing space W×D×H 155×141×80 mm
- Protective working cover included with delivery

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CFS 300-3
Model-Serie	CFS
Assortment	KERN
Product Type	Industrial scales
Product group	Counting scales
Product usage type	Main article
EAN code (Model)	4045761150737
Customs tariff number	90160010
CE Label	yes

Technical data - Primary

Weighing capacity	300 g
Readability	0.001 g
Counting resolution	300000
Minimum piece weight	10 mg
Net weight	2.5 kg
Platform size	80 mm

Technical data - Construction

Casing material	plastic
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Dimension housing (W×D×H)	315×350×110 mm
Dimensions device (W×D×H)	320×350×125 mm
Material weighing plate	stainless steel
Bubble Level	yes
Revolving screw feet	yes
Weighing surface (d)	80 mm
IP protection load cell	IP65

Technical data - Display

Display height	20 mm
Backlight	yes

Technical data - Power supply

Mains adapter/adapter included	CH;EURO;UK;US
Charging time	14 h
Input Voltage	110 V - 230 V AC
Operating time (Backlight off)	70 h
Rechargeable battery	Rchrg. battery optional

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0.004 g
Readability	0.001 g
Recommended adjusting weight	200 g (F1); 100 g (F1)
Repeatability	0.002 g
Resolution	300.000

Stabilisation time under laboratory conditions	2 s
Tare range	300 g
Warm up time	120 min
Weighing system	Strain gauge
Weighing units	g;lb

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	40 °C
Minimum ambient temperature	0 °C
Minimum humidity	0 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	640×540×230 mm
Gross weight	6 kg
Net weight	2.6 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	537 g
Packaging component - by weight - styrofoam	179 g
Delivery time	1 d

Technical data - Counting data

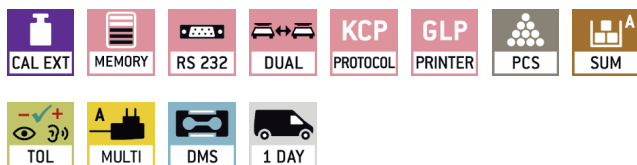
Counting resolution	60000
Minimum piece weight at piece counting (Laboratory)	1 mg
Minimum piece weight	50 mg

Optional Services

DAkkS Calibration 963-127

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
911-013	Matrix needle printer KERN 911-013
CFS-A02	Protective Working Cover KERN CFS-A02
PFB-A03	Power supply KERN PFB-A03
PFB-A02	Power supply KERN PFB-A02
PFB-A04	Power supply KERN PFB-A04
GAB-A04	Internal Rechargeable Battery Pack KERN GAB-A04
CFS-A03	Signal lamp KERN CFS-A03
CFS-A04	Data Interface KERN CFS-A04
YKI-01	RS-232 / Ethernet adapter KERN YKI-01
YKN-01	Matrix needle printer KERN YKN-01
YKI-02	RS-232 / Bluetooth adapter KERN YKI-02
YKA-11	Power supply KERN YKA-11
CFS-A02S05	Protective Working Cover KERN CFS-A02S05
AFH 13	Converter KERN AFH 13
CFS-A01	Interface cable CFS-A01

Model	Description
315-208-205	Safety Set KERN 315-208-205
YKC-01	Thermal printer KERN YKC-01

SERVICES

Model	Description
963-127	DAkkS Calibration KERN 963-127
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-101	Warranty extension KERN (+2 years) 970-101

SPARE PARTS

Model	Description
CFS-A02	Protective Working Cover KERN CFS-A02
PFB-A03	Power supply KERN PFB-A03
PFB-A02	Power supply KERN PFB-A02
PFB-A04	Power supply KERN PFB-A04
GAB-A04	Internal Rechargeable Battery Pack KERN GAB-A04
RPFB-8010	Metal plate: High accuracy of measurement due to the level metal plateRPFB-8010
RCFS-4001	Keyboard overlay KERN RCFS-4001
REWJ-6001	Weighingplate carrier KERN REWJ-6001
REWJ-6002	Weighing plate KERN REWJ-6002
REWJ-1001	Load cell KERN REWJ-1001
YKA-11	Power supply KERN YKA-11
CFS-A02S05	Protective Working Cover KERN CFS-A02S05
REWN-5001	Power socket REWN-5001

RELATED ARTICLES DATA

Model name	Weighing capacity	Readability	Counting resolution	Minimum piece weight	Net weight	Platform size
CFS 6K0.1	6 kg	0.0001 kg	60000	1 g	3.2 kg	295×225 mm
CFS 15K0.2	15 kg	0.0002 kg	75000	2 g	3.3 kg	295×225 mm
CFS 30K0.5	30 kg	0.0005 kg	60000	5 g	3.23 kg	295×225 mm
CFS 300-3	300 g	0.001 g	300000	10 mg	2.5 kg	80 mm

Model name	Weighing capacity	Readability	Counting resolution	Minimum piece weight	Net weight	Platform size
CFS 50K-3	50 kg	0.001 kg	50000	10 g	4.4 kg	370×240 mm
CFS 3K-5	3000 g	0.01 g	300000	100 mg	3.211 kg	295×225 mm