PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN SFE 100K-2NM

Platform scale with IP65 dust and spray protection, verification optional

ENGLISH



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FEATURES

- Platform scale protected to IP65 with stainless steel display device, for industrial applications, hygienic and easy to clean
- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65
- Display device: stainless steel, protection against dust and water splashesIP65, for details see KERN KFE-TM
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value

TECHNICAL DATA

- Large backlit LCD display, digit height 22 mm
- Weighing platform dimensions, stainless steel, W×D×H 400×300×117 mm
- Dimensions of display device W×D×H 195×118×83 mm
- Cable length of display device approx. 3 m
- Rechargeable battery pack integrated, as standard, operating time up to 35 h without backlight, charging time approx. 12 h
- Net weight approx. 8 kg
- Permissible ambient temperature -10 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Food industry
- Chemical industry
- Hygiene

PLEASE NOTE FOR YOUR ORDER

- For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order, the initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification

PICTOGRAMS

Standard | Option | Factory



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Dimensions weighing surface	Net weight approx.
SFE 6K-3NM	6 kg	0,002 kg	0,002 kg	0,04 kg	300×240 mm	6 kg
SFE 10K-3LNM	15 kg	0,005 kg	0,005 kg	0,1 kg	400×300 mm	8 kg
SFE 10K-3NM	15 kg	0,005 kg	0,005 kg	0,1 kg	300×240 mm	6 kg
SFE 30K-2NM	30 kg	0,01 kg	0,01 kg	0,2 kg	300×240 mm	6 kg
SFE 60K-2LNM	60 kg	0,02 kg	0,02 kg	0,4 kg	500×400 mm	12 kg
SFE 60K-2NM	60 kg	0,02 kg	0,02 kg	0,4 kg	400×300 mm	8 kg
SFE 100K-2LNM	150 kg	0,05 kg	0,05 kg	1 kg	500×400 mm	12 kg
SFE 100K-2NM	150 kg	0,05 kg	0,05 kg	1 kg	400×300 mm	8 kg
SFE 100K-2XLNM	150 kg	0,05 kg	0,05 kg	1 kg	650×500 mm	22 kg
SFE 300K-1LNM	300 kg	0,1 kg	0,1 kg	2 kg	650×500 mm	22 kg

ACCESSORIES

Model	Description
BFS-A07	Tripod BFS-A07, Height of stand approx. 1040 mm
PFB-A02	Power adapter PFB-A02 (12 V, 500 mA | 100 V - 240 V, 50 / 60 Hz | EURO, CH)
PFB-A03	Power adapter PFB-A03 (12 V, 500 mA | 100 V - 240 V, 50 / 60 Hz | UK)
PFB-A04	Power adapter PFB-A04 (12 V, 500 mA | 100 V - 240 V | US)
PFB-A05	Power adapter PFB-A05 (9 V, 800 mA | 100 V - 240 V AC, 50 / 60 Hz | AUS)
RFS-A02	Stainless steel fruit pan RFS-A02
SFE-A01	Tripod SFE-A01, Height of stand approx. 200 mm
SFE-A02	Tripod SFE-A02, Height of stand approx. 400 mm
SFE-A03	Tripod SFE-A03, Height of stand approx. 600 mm
VFB-A02	Rechargeable battery pack VFB-A02
YKA-11	Power adapter YKA-11 (12 V, 500 mA | 100 - 240 V~ 50/60 Hz 190 mA | EURO, AUS, UK, US, CH)

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Model	Description
YKP-02	Column YKP-02, Height of stand 750-1000 mm

SERVICES

Model	Description
961-249	Adjustment at the location of installation 961-249 (Not in combination with verification)
963-129	DAkkS calibration certificate 963-129
965-229	Verification / Conformity assessment according to NAWI (2014/31/EU) 965-229
965-403	Cable extension 965-403 (< 4 m)
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-101	Warranty extension (+2 years) 970-101

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment 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
	Hold function: When the weighing conditions are unstable, a stable weight is calculated as an average value
	Display device: Protection against dust and water splashes IP65
	Load Cell: Protection against dust and water splashes IP65
	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
	Conformity assessment: The duration of the conformity assessment is 3 working days

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