PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

31.10.2026

KERN FPE 6K-3M

Entry-level bench scale with stainless steel weighing plate and checkweighing function, with optional verification

ENGLISH



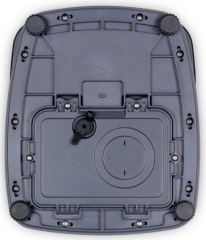
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APPLICATION EXAMPLE



FEATURES

- Weighing with tolerance range (checkweighing): a visual signal helps with portioning, dispensing or grading
- Stainless steel weighing plate, which makes cleaning easy and hygienic
- Integrated piece-counting function with storable piece weight
- Sleep function: The scale automatically switches to energy-saving mode after an adjustable period of inactivity

TECHNICAL DATA

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 190×230 mm
- Net weight approx. 1,8 kg
- Permissible ambient temperature -10 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Food industry
- Gastronomy
- Dietetics
- educational institutions

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



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MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Reproducibility	Linearity	Dimensions weighing surface
FPE 15K-3	15 kg	0,001 kg			0,001 kg	± 0,003 kg	190×230 mm
FPE 15K-3M	15 kg	0,005 kg	0,005 kg	0,1 kg	0,005 kg	± 0,015 kg	190×230 mm
FPE 30K-2M	30 kg	0,01 kg	0,01 kg	0,2 kg	0,01 kg	± 0,03 kg	190×230 mm
FPE 30K-3	30 kg	0,002 kg			0,002 kg	± 0,006 kg	190×230 mm
FPE 3K-3M	3000 g	1 g	1 g	20 g	1 g	± 3 g	190×230 mm
FPE 3K-4	3000 g	0,2 g			0,2 g	± 0,6 g	190×230 mm
FPE 6K-3	6000 g	0,5 g			0,5 g	± 1,5 g	190×230 mm
FPE 6K-3M	6000 g	2 g	2 g	40 g	2 g	± 6 g	190×230 mm

ACCESSORIES

Model	Description
YKR-07-A	Rechargeable battery pack YKR-07-A (Li-Ion, 3,7 V, 4.000 mAh)

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
965-228	Verification / Conformity assessment according to NAWI (2014/31/EU) 965-228

Model	Description
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-013	Warranty extension (+3 years) 970-013

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Units can be switched to e.g. non-metric units
	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
	Plug-in power supply: 230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available
	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
	Rechargeable battery pack: Rechargeable set
	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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