PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN FPE 6K-3

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

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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

PICTOGRAMS

Standard



Option



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
969-517	Confirmation of the manufacturer’s specification (only in combination with DAkkS calibration certificate)969-517
970-012	Warranty extension (+2 years) 970-012

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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

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