PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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# KERN FPB 15K-3M

Robust bench scale with IP68/IP69K protection and checkweighing display, with optional verification

ENGLISH




## CONTACT

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## APPLICATION EXAMPLE







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## FEATURES

- Dust and splash water protection type IP68/IP69K. Therefore very robust and durable. Ideal for rough environmental conditions
- Stainless steel weighing plate, which makes cleaning easy and hygienic
- Rechargeable battery pack and power supply included with delivery for continuous operation of the scale, even during charging
- Thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Innovative weighing with tolerance range: The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading
- 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
- Overall dimensions W×D×H 288×233×102 mm
- Net weight approx. 2,2 kg
- Internal rechargeable battery pack, operating time up to 500 h without backlight, charging time approx. 4 h
- Permissible ambient temperature -10 °C/40 °C

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## MAIN SCOPE OF APPLICATIONS

- Food industry
- Hygiene
- Packaging industry
- Laboratory applications
- Chemical industry
- Pharmaceutical industry

## 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

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## PICTOGRAMS

Standard




Option




Factory




## MODEL OVERVIEW

| Model | Weighing capacity [Max] | Readability [d] | Reproducibility | Linearity | Dimensions weighing surface |
|---|---|---|---|---|---|
| FPB 15K-3 | 15 kg | 0,001 kg | 0,001 kg | ± 0,003 kg | 190×230 mm |
| FPB 15K-3M | 15 kg | 0,005 kg | 0,005 kg | ± 0,015 kg | 190×230 mm |
| FPB 30K-2M | 30 kg | 0,01 kg | 0,01 kg | ± 0,03 kg | 190×230 mm |
| FPB 30K-3 | 30 kg | 0,002 kg | 0,002 kg | ± 0,006 kg | 190×230 mm |
| FPB 3K-3M | 3000 g | 1 g | 1 g | ± 3 g | 190×230 mm |
| FPB 3K-4 | 3000 g | 0,2 g | 0,2 g | ± 0,6 g | 190×230 mm |
| FPB 6K-3 | 6000 g | 0,5 g | 0,5 g | ± 1,5 g | 190×230 mm |
| FPB 6K-3M | 6000 g | 2 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 |
| 969-517 | Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517 |
| 970-014 | Warranty extension (+3 years) 970-014 |

# 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 |
|   | Protection against dust and water splashes IP68 |
|   | Protection against dust and water splashes IP69K |
|  | Rechargeable battery pack: Rechargeable set |
|  | 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 |
|   | 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 |