PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

30.10.2026

# KERN FFN 15K5IPM

All-round bench scale, protected by stainless steel and IP65 rating, verification optional

ENGLISH




## CONTACT

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## APPLICATION EXAMPLE







## FEATURES

- Ideal for the ever-increasing hygienic requirements in the food, pharmaceutical and chemical industries
- Your support in a HACCP-compliant quality system
- Ideal for the robust industrial applications
- Protection against dust and water splashes IP65 (only when using rechargeable battery pack)
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchens, sales offices, cafeterias, food industry laboratories, etc.)
- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean
- Recessed grips on the underside of the scale for easy transportation

## TECHNICAL DATA

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 233×193 mm
- Overall dimensions 243×300×127 mm
- Rechargeable battery pack integrated, as standard, operating time up to 50 h without backlight, charging time approx. 12 h
- Net weight approx. 4,0 kg
- Permissible ambient temperature -10 °C/40 °C

## MAIN SCOPE OF APPLICATIONS

- Food industry
- Hygiene
- Pharmaceutical applications

## 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] | Reproducibility | Linearity | Dimensions weighing surface |
|---|---|---|---|---|---|---|---|
| FFN 1K-4NM | 1,5 kg | 0,0005 kg | 0,0005 kg | 0,01 kg | 0,0005 kg | ± 0,0005 kg | 233×193 mm |
| FFN 3K1IPM | 3 kg | 0,001 kg | 0,001 kg | 0,02 kg | 0,001 kg | ± 0,001 kg | 233×193 mm |
| FFN 6K2IPM | 6 kg | 0,002 kg | 0,002 kg | 0,04 kg | 0,002 kg | ± 0,002 kg | 233×193 mm |
| FFN 15K5IPM | 15 kg | 0,005 kg | 0,005 kg | 0,1 kg | 0,005 kg | ± 0,005 kg | 233×193 mm |
| FFN 25K10IPM | 25 kg | 0,01 kg | 0,01 kg | 0,2 kg | 0,01 kg | ± 0,01 kg | 233×193 mm |

## ACCESSORIES

| Model | Description |
|---|---|
| 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) |

| Model | Description |
|---|---|
| RFS-A02 | Stainless steel fruit pan RFS-A02 |
| WTB-A01N | Rechargeable battery pack WTB-A01N |
| YKA-11 | Power adapter YKA-11 (12 V, 500 mA \| 100 - 240 V~ 50/60 Hz 190 mA \| EURO, AUS, UK, US, CH) |

## 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 |
| 970-015 | Warranty extension (+3 years) 970-015 |

# KERN Pictogram Overview

| | |
|---|---|
|  | External adjustment: Adjusting accuracy using external adjustment weight |
|  | Units can be switched to e.g. non-metric units |
|   | 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 |