PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

30.10.2026

KERN FXN 6K-3M

Bench scale, protected by stainless steel and protection type IP68, verification optional

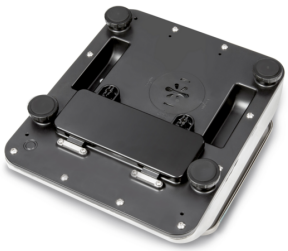
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FEATURES

- Ideal for the increased hygienic requirements in the food industries
- Your support in a HACCP-compliant quality system
- Ideal for the robust industrial applications
- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean
- Dust and splash water protection type IP68. Therefore very robust and durable. Ideal for rough environmental conditions. Even immersion of the scale in water possible
- Very fast display: steady weight values within 2 s
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchens, sales offices, cafeterias, food industry laboratories, etc.)
- Recessed grips on the underside of the scale for easy transportation
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading

TECHNICAL DATA

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 236×195 mm
- Battery operation, 4×1.5 V Size D standard, operating time up to 500 h. AUTO-OFF-function to preserve the battery
- Net weight approx. 3,0 kg
- Permissible ambient temperature -10 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Food industry
- Hygiene
- Pharmaceutical applications

PLEASE NOTE FOR YOUR ORDER

- Official verification is mandatory for commercial trade
- 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
FXN 6K-3M	6 kg	0,002 kg	0,002 kg	0,04 kg	0,002 kg	± 0,002 kg	236×195 mm
FXN 30K-2M	30 kg	0,01 kg	0,01 kg	0,2 kg	0,01 kg	± 0,01 kg	236×195 mm

ACCESSORIES

Model	Description
RFS-A02	Stainless steel fruit pan RFS-A02

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
970-017	Warranty extension (+3 years) 970-017

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
	Battery operation: Ready for battery operation
	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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