PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

30.10.2026

KERN FOB 1K-4LM

Compact stainless steel bench scale with special checkweighing display for even more efficient working, verification optional

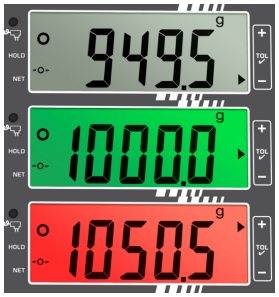
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APPLICATION EXAMPLE



FEATURES

- Innovative weighing with tolerance range (Checkweighing): 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
- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean
- Ideal for the increased hygienic requirements in the food industries
- 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.)
- Your support in a HACCP-compliant quality system
- Protection against dust and water splashes IP65 (only when using battery)
- Secure and non-slip positioning with rubber feet
- Increased protection against humidity through waterproof silicone sealing of the load cell, electronics and soldering joints
- Mains adapter included with the delivery
- Protective working cover included with delivery

TECHNICAL DATA

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 248×198 mm
- Overall dimensions 256×285×100 mm
- Battery operation, 4×1.5 V AA standard, operating time up to 48 h. AUTO-OFF-function to preserve the battery
- Net weight approx. 3,8 kg
- Permissible ambient temperature 0 °C/40 °C

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MAIN SCOPE OF APPLICATIONS

- Food industry
- Pharmaceutical applications
- Chemical industry
- Hygiene

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

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PICTOGRAMS

Standard



Option



Factory



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Reproducibility	Linearity	Dimensions weighing surface
FOB 1K-4LM	1500 g	0,5 g	0,5 g	10 g	0,5 g	± 1,5 g	248×198 mm
FOB 3K-3LM	3000 g	1 g	1 g	20 g	1 g	± 2 g	248×198 mm
FOB 6K-3LM	6000 g	2 g	2 g	40 g	2 g	± 4 g	248×198 mm
FOB 10K-3LM	15000 g	5 g	5 g	100 g	5 g	± 10 g	248×198 mm

ACCESSORIES

Model	Description
315-411-407	Safety set 315-411-407, included weight 100 g (M1); 1000 g (M1)
347-11	Test weight 347-11 (OIML Class M1, Nominal value 1 kg, Knob, stainless steel fine turned)
FOB-A13	Protective working cover FOB-A13
FOB-A13S05	Protective working cover FOB-A13S05, scope of delivery: 5 items
RFS-A02	Stainless steel fruit pan RFS-A02
YKA-02	Travel adapter YKA-02

Model	Description
YKA-29	Power adapter YKA-29 (12 V, 500 mA | 100 - 240 V AC 50/60 Hz 0.8 A | EURO, CH)

SERVICES

Model	Description
961-247	Adjustment at the location of installation 961-247 (Not in combination with verification)
963-127	DAkkS calibration certificate 963-127
965-227	Verification / Conformity assessment according to NAWI (2014/31/EU) 965-227
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
	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 IP65
	Battery operation: Ready for battery operation
	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

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