PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

30.10.2026

KERN FOB 10K-3LM

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

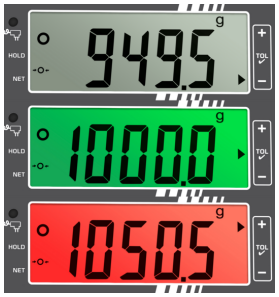
ENGLISH



CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

+49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com



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 IP67 (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

PROFESSIONAL MEASURING
SINCE 1844

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

ENGLISH

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
346-77	Test weight 346-77 (OIML Class M1, Nominal value 10 kg, Block Eco, cast iron lacquered)
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
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
961-248	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
	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

ENGLISH