PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN WTB 3K-3NM

Ideal for food industry, thanks to its IP65 protection and special checkweighing display, 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
- Protection against dust and water splashes IP65 (only when using rechargeable battery pack)
- Very fast display: steady weight values within 2 s
- Second display on the back of the balance
- Compact size, practical for small spaces
- 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
- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Recessed grips on the underside of the scale for easy transportation
- Protective working cover included with delivery

TECHNICAL DATA

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 263×203 mm
- Overall dimensions 286×316×126,5 mm
- Net weight approx. 3,2 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



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Reproducibility	Linearity	Dimensions weighing surface
WTB 1K-4NM	1500 g	0,5 g	0,5 g	10 g	0,5 g	± 0,5 g	263×203 mm
WTB 3K-3NM	3000 g	1 g	1 g	20 g	1 g	± 1 g	263×203 mm
WTB 6K-3NM	6000 g	2 g	2 g	40 g	2 g	± 2 g	263×203 mm
WTB 10K-3NM	15000 g	5 g	5 g	100 g	5 g	± 5 g	263×203 mm
WTB 30K-2NM	30000 g	10 g	10 g	200 g	10 g	± 10 g	263×203 mm

ACCESSORIES

Model	Description
FPB 3K-3M	Bench scale FPB 3K-3M, Weighing range 3000 g, Readout 1 g
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)
RFB-A01	Protective working cover RFB-A01
RFB-A01S05	Protective working cover RFB-A01S05, scope of delivery: 5 items
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)

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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
970-014	Warranty extension (+3 years) 970-014

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
	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
	Rechargeable battery pack: Rechargeable set
	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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