PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN FFN 1K-4N

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

ENGLISH



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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
- Dimensions of display device W×D×H
- Rechargeable battery pack integrated, as standard, operating time up to 50 h without backlight, charging time approx.
- Net weight approx. 4,0 kg
- Permissible ambient temperature /

MAIN SCOPE OF APPLICATIONS

- Food industry
- Hygiene
- Pharmaceutical applications

PICTOGRAMS

Standard



Option



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MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Reproducibility	Linearity	Dimensions weighing surface
FFN 1K-4N	1,5 kg	0,0002 kg	0,0002 kg	± 0,0004 kg	233×193 mm
FFN 3K0.5IPN	3 kg	0,0005 kg	0,0005 kg	± 0,001 kg	233×193 mm
FFN 6K1IPN	6 kg	0,001 kg	0,001 kg	± 0,001 kg	233×193 mm
FFN 15K2IPN	15 kg	0,002 kg	0,002 kg	± 0,004 kg	233×193 mm
FFN 25K5IPN	25 kg	0,005 kg	0,005 kg	± 0,01 kg	233×193 mm

ACCESSORIES

Model	Description
315-411-407	Safety set 315-411-407, included weight 100 g (M1); 1000 g (M1)
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)
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
961-247	Adjustment at the location of installation 961-247 (Not in combination with verification)
963-127	DAkkS calibration certificate 963-127

Model	Description
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

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