

KERN FXN 3K-3M



Bench scale, protected by stainless steel and IP68 protection – now with even higher accuracy



Category

Brand	KERN
Product category	Industrial scales
Product group	Food (kitchen/stainless steel/IP65...68 protection)

Measuring system

Weighing system	Strain gauge
Weighing range (Max)	3 kg
Readability (g)	1 g
Resolution	3.000
Minimum weight	0,02 kg
Tare range	-3 kg
Reproducibility	0,001 kg
Linearity	± 0,001 kg
Eccentric loading at 1/3 max	0,001 kg
Recommended adjusting	3 kg (M1)
Possible adjustment points	3 kg
Stabilisation time	2 s
Warm up time	10 min
Adjustment options	External calibration
Number of weighing ranges	1
loadcellType	ZEMIC L6D (C3)

Technical data about verification

Verification class	III
Verification value	0,001 kg
Periodic reverification for Italy	969-112
CE mark	✓

Construction

Material of weighing plate	stainless steel
Weighing surface (rectangular)	236×195 mm
weighingAreaMkt	236×195 mm
Material of housing	stainless steel, plastic
Dimensions of housing (without removable parts)	240×280×120 mm
Dimensions when fully assembled (draft shield/column)	240×280×120 mm
Foot screws can be rotated	✓
Material for loadcell(s)	Aluminium

Display

Type of display	LCD
Display digit height - large	25 mm
Display - backlight	✓
Languages of the user interface	symbol language

Functions

Smallest piece weight when piece counting	500 mg
The smallest piece weight when piece counting - under normal conditions	5 g
Counting resolution	6.000
Counting reference	10, 20, 50, 100, 201

Functions

IP protection (complete device)	IP68
Tolerance weighing	✓
Counting function	✓
Tare function	[Value missing]
Underfloor weighing	None
Number of keys to operate the device	5
Tolerance weighing - types of notification	akustisch optisch

Power supply

Power supply delivered with the product	Battery
Batteries	4×1.5 V Size D
Battery operating time	500 h
Batterie Betriebsdauer - Hinterleuchtung aus	625 h
Batterie Betriebsdauer - Hinterleuchtung an	500 h

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Environmental conditions

Air humidity of environment (min)	25 %
Air humidity of environment (max)	95 %
Minimum ambient temperature	-10 °C
Ambient temperature (max.)	40 °C

Packing & Shipping

Dimensions of packaging	325×365×225 mm
Net weight approx.	3,4 kg
Gross weight approx.	4,4 kg
Total delivery time	1 d
Art des Versands	Parcel service
Shipping weight	5,3 kg
UN number (hazardous goods)	3496

Dienstleistungen (optional)

DAkkS/DKD - items	963-127
Verification items	965-227
Item no. Adjustment at the location of installation	961-247
Items Certificate of conformity	969-517

Pictograms

STANDARD



OPTION



FACTORY

