

KERN FCF 3K-4

KERN

Compact bench scale with multi-purpose functionality and a high level of accuracy for use in industry, gastronomy and kitchen



Category

Brand	KERN
Product category	Industrial scale
Product group	Bench scale
Product family	FCF

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	3000 g
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Resolution	30.000
Tare range	3000 g

Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (M1); 1 kg (M1)
Possible calibration points	1 kg; 2 kg; 3 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,3 g
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg
Default unit	g

Units	g
	dwt
	tl (Tw)
	tl (HK)
	ozt
	mo
	lb

oz
tol

Display

Display type	LCD
Display digit height	25 mm

Construction

Dimension housing (W×D×H)	270×345×106 mm
Dimensions completely mounted (W×D×H)	270×345×106 mm
Dimensions weighing surface (W×D)	253×228 mm
Dimensions weighing surface	253×228 mm
Material housing	plastic
Material weighing plate	stainless steel
Level indicator	✓

Functions

Recipe/summing level	Rez A (Net total)
Percentage determination	✓
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	15.000
Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	5, 10, 20, 25, 50
IP protection - complete device	-
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Auto-off interval(s) in mains power mode	3 min
Tare function	manual (multi)
Number of keys for operation	5

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz

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Input voltage device / power [Max]	9 V, 300 mA
Battery / accumulator type	Alkali(-Manganese)
Battery	9 V block
Battery connection	Pad + Spring
Battery operating time	20 h
Rechargeable battery operating time - backlight on	80 h
Rechargeable battery operating time - backlight off	120 h
Rechargeable battery charging time	16 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	335×400×185 mm
Shipping method	Parcel service
Net weight approx.	2,8 kg
Gross weight approx.	3,4 kg
Shipping weight	5 kg

Pictograms

STANDARD



OPTION

