KERN **FCF 3K-4**

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



Date of creation: 23.10.2026

Category

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

Measuring System

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
Eccentric loading at 1/3 [Max]	0,3 g
Construction type of the scale	Single-range balance
Units	kg g dwt tl (Tw) tl (HK) ozt mo lb oz ffa tol
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg
Default unit	g
Warm-up time	120 min

Display

Display type	LCD
Display digit height	25 mm

Construction

Dimension housing (W×D×H)	270×323×110 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

IP protection - complete device	-
Percentage determination	✓
Function for averaging under unstable weighing conditions	✓
Counting function	✓
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)
Underfloor weighing	None
Counting resolution (laboratory conditions)	15.000
Smallest piece weight when piece counting - laboratory conditions	200 mg
Reference quantity	5, 10, 20, 25, 50
Recipe/summing level	Rez A (Net total)
Number of keys for operation	5
Smallest piece weight when piece counting - normal conditions	2 g

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Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Power supply cable removable	removable
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
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

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
Shipping volume weight	5 kg

Product information

GTIN/EAN number	4045761184275
Trade number	84238129
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

