

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



Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg

Approval

CE mark	✓
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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
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	253×228 mm

Functions

Number of keys for operation	5
Auto-off interval(s) in mains power mode	3 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Rez A (Net total)
Underfloor weighing	None
IP protection - complete device	-

Counting

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
Counting resolution (laboratory conditions)	15.000

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA
Plug-in power supply type	Power adapter

Category

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

Measuring System

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

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

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

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Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	16 h
Rechargeable battery operating time - backlight on	80 h
Rechargeable battery operating time - backlight off	120 h
Battery	9 V block
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Pad + Spring
Battery operating time	20 h

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	335×400×185 mm
Net weight	2,63 kg
Shipping method	Parcel service
Net weight approx.	2,8 kg
Gross weight approx.	3,4 kg
Shipping weight	5 kg

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 (verification)	969-517

Pictograms

STANDARD



OPTION

