

KERN FCF 30K-3

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]	30000 g
Readability [d]	1 g
Reproducibility	1 g
Linearity	± 3 g
Resolution	30.000
Tare range	30000 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Possible calibration points	10 kg; 20 kg; 30 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	5 g
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g
Default unit	kg
Units	kg
	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	2 g
Smallest piece weight when piece counting - normal conditions	20 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

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Input voltage power supply / power [Max] 220 V - 240 V AC, 50 Hz

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 ✓

Services (optional)

Article number for adjustment at the location of installation 961-248

Article number for DAkkS calibration 963-128

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

