

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	
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
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)	4 g
Maximum creep (30 minutes)	8 g
Default unit	kg

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	
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
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH

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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
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	961-248
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

Product information

GTIN/EAN number	4045761184268
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

