

# 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
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

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

Approval	
CE mark	✓

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

# KERN FCF 3K-4



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

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

