

KERN FCD 3K-3

Bench scale with integrated rechargeable battery pack for maximum freedom and a practical printer connection



Display

Display type	LCD
Display screen size	145×25 mm
Display backlight	white
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	340×320×110 mm
Dimensions weighing platform (W×D×H)	300×230×12,5 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	230×300 mm
Levelling feet adjustable	✓

Functions

Number of keys for operation	2
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Recipe/summing level	Sum A
Interfaces	RS-232 standard

Counting

Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	6.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Accu & Power supply

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	3000 g
Readability [d]	0,1 g
Resolution	30.000
Linearity	± 3 g
Reproducibility	2 g
Default unit	kg

Units	kg
	g
	lb
	PCS
	%
	lb:oz

Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (M2)
Possible calibration points	3 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	10 g
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg

Approval

CE mark	✓
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Plug-in power supply / adapter for countries - included with the delivery	EURO UK
Plug-in power supply / adapter for countries - optional	EURO UK CH
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Battery / accumulator type	Li-Ion
Battery capacity	4.000 mAh
Battery voltage	3,7 V

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	415×375×185 mm
Net weight	3,1 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,0 kg
Shipping weight	5,8 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

