

KERN FCD 3K-3

KERN

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



Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	3000 g
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Resolution	30.000

Adjustment options	Adjusting with external weight
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Recommended adjusting weight	3 kg (M2)
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Possible calibration points	3 kg
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Stabilization time	3 s
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Warm-up time	120 min
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Eccentric loading at 1/3 [Max]	0,5 g
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Construction type of the scale	Single-range balance
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Units	kg
	g
	lb
	PCS
	%
	lb:oz

Maximum creep (15 minutes)	400 mg
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Maximum creep (30 minutes)	800 mg
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Default unit	kg
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Display

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

Construction

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

Functions

Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Counting function	✓
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	n (any number of pieces)
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	2

Interface

Interfaces	RS-232 standard
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Power Supply

Supplied power supply	Accu & Power supply
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK
Plug-in power supply / adapter for countries - optional	EURO UK CH

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Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	5 V, 1 A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,8 mm
Battery / accumulator type	Li-Ion
Battery capacity	4.000 mAh
Battery voltage	3,7 V
Battery – Individual weight	93 g
Battery capacity (Wh)	14,8 Wh
Battery – Tests passed UN 38.3	✓
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Battery/Accu connected	fixed electrical connection, no leakage current (insulated)

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °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	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517

Packing & Shipping

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

Product information

GTIN/EAN number	4045761283763
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

