KERN **EFC 100K-3L**

KERN

Platform scale with integrated rechargeable battery pack, a bright LED display and a column for greatest ease of use

Display

Display type	LED segments
Display type	LED segments
Display backlight	no
Display screen size	165×64 mm
Display segments	6
Display digit height - smallest digit	52 mm
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction

Dimensions completely mounted (W×D×H)	500×730×815 mm
Dimension display device (W×D×H)	252×162×57 mm
Dimensions weighing surface (W×D)	600×500 mm
Dimensions weighing surface	600×500 mm
Dimensions weighing platform (W×D×H)	600×500×140 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	steel, varnished
Material display housing	Plastics
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Stand height	600 mm
Stand rotatable	✓
Stand inclinable	✓
Display device cable length	3 m
Load cells - number	1

Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Platform scale
Product family	EFC

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	150 kg
Readability [d]	0,01 kg
Reproducibility	0,01 kg
Linearity	± 0,03 kg
Resolution	15.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (F2)
Possible calibration points	15 kg; 30 kg; 50 kg; 75 kg; 100 kg; 125 kg; 150 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,05 kg
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g
Default unit	kg
Units	kg lb PCS
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Standby function	✓
Counting function	✓
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	5 g

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Smallest piece weight when piece counting - normal conditions	50 g
Reference quantity	n (any number of pieces)
IP protection - display	no IP protection
Tare function	manual (single & multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 standard

Power Supply

Supplied power supply	Accu & Power supply
Plug-in 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
Input voltage power supply / power [Max]	100 - 240 V 50/60 Hz 0.5 A
Input voltage device / power [Max]	5 V, 1 A
Battery / accumulator type	Li-Ion
Battery capacity	4.000 mAh
Battery voltage	3,7 V
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %

Approval

CE mark	✓

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d

Dimensions packaging (W×D×H)	1030×630×220 mm
Shipping method	Parcel service
Net weight approx.	20 kg
Gross weight approx.	22 kg
Shipping weight	28,6 kg

Pictograms

STANDARD

TARE	CAL EXT	RS 232	PRINTER	PCS	SUM	TOL	MOVE	ACCU

MULTI	DMS	1 DAY

OPTION

DAkkS +3 DAYS