

# KERN EFC 100K-3



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



## Approval

CE mark	✓
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## Display

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

## Construction

Dimension display device (W×D×H)	252×162×57 mm
Dimensions weighing platform (W×D×H)	500×400×120 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Material platform	steel, varnished
Dimensions weighing surface (W×D)	500×400 mm
Display device cable length	3 m
Material load cell(s)	aluminium
Load cells - number	1
Levelling feet adjustable	✓
Stand height	600 mm
Stand rotatable	✓
Stand inclinable	✓

## Functions

Number of keys for operation	7
Tare function	manual (single & multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Standby function	✓
Recipe/summing level	Sum A
Sum memory function	✓
Interfaces	RS-232 standard
IP protection - display	no IP protection

## Category

Brand	KERN
Product category	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
Resolution	15.000
Linearity	± 0,02 kg
Reproducibility	0,02 kg
Default unit	kg
Units	kg lb PCS
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]	0,03 kg
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

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## Counting

Smallest piece weight when piece counting - laboratory conditions	5 g
Smallest piece weight when piece counting - normal conditions	50 g
Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	30.000

## Power Supply

Input voltage power supply / power [Max]	100 - 240 V 50/60 Hz 0.5 A
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO UK
Plug-in power supply / adapter for countries - optional	EURO UK
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 [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	940×550×210 mm
Net weight	10,5 kg
Shipping method	Parcel service
Net weight approx.	11 kg
Gross weight approx.	13 kg
Shipping weight	21,7 kg

## Services (optional)

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

Article number for certificate of conformity (verification) 969-517

## Pictograms

### STANDARD



### OPTION

