

KERN EFC 100K-3

KERN

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



Category

Brand	KERN
Product category	Industrial scales
Product group	Platform scales

Measuring System

Readability [d]	10 g
Weighing capacity [Max]	150 kg
Eccentric loading at 1/3 [Max]	0,03 kg
Reproducibility	0,002 kg; 0,005 kg
Linearity	± 0,02 kg
Linearisation in dots	3
Weighing system	Strain gauge
Resolution	15.000
Units	kg lb PCS
Default unit	kg
Stabilization time	2 s
Warm-up time	30 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (F2)
Loadcell type	aluminium IP65 silicone-coated

Approval

CE mark	✓
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Display

Display type	LED segments
Display digit height	52 mm
Display backlight	no
Display screen size	165×64 mm

Languages of the user interface	Symbol language
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Construction

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

Functions

Number of keys for operation	7
Tare function	manual (single & multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Function for averaging under unstable weighing conditions	✓
Interfaces	RS-232 standard
IP protection - complete device	IP65
IP protection - display	no IP protection
IP protection - load cell	IP65
IP protection - platform	IP65

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

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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 plug-in 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 charging time 3 h

Rechargeable battery operating time - backlight on 30 h

Rechargeable battery operating time - backlight off 50 h

Battery operating time 100 h

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

Shipping method Parcel service

Dimensions packaging (W×D×H) 985×625×185 mm

Net weight approx. 11 kg

Gross weight approx. 13 kg

UN number (hazardous goods) 3481

Services (optional)

Article number for adjustment at the location of installation 961-249

Article number for DAkkS calibration 963-129

Piktogramme

STANDARD



OPTION

