KERN **EFC 30K-3**

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



Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,002 kg
Reproducibility	0,002 kg
Linearity	± 0,006 kg
Resolution	15.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Possible calibration points	3 kg; 6 kg; 10 kg; 15 kg; 20 kg; 30 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,01 kg
Load cell connection	4-wire
Construction type of the scale	Single-range balance
Units	kg lb PCS
Maximum creep (15 minutes)	8 g
Maximum creep (30 minutes)	16 g
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated

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

Dimension display device (W×D×H)	252×162×57 mm
Dimensions weighing surface (W×D)	400×300 mm
Dimensions weighing surface	400×300 mm
Dimensions weighing platform (W×D×H)	400×300×124 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	steel, lacquered
Material display housing	plastic
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

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	1 g
Smallest piece weight when piece counting - normal conditions	10 g

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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
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
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,5 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
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %

Approval

CE mark	✓

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	800×460×230 mm
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	10 kg
Shipping weight	16,9 kg

Product information

GTIN/EAN number	4045761252684
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

