KERN **EFC 30K-3L**

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

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,002 kg
Resolution	15.000
Linearity	± 0,004 kg
Reproducibility	0,004 kg
Default unit	kg
Units	kg lb PCS
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]	0,006 kg
Maximum creep (15 minutes)	8 g
Maximum creep (30 minutes)	16 g
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

Approval

CE mark	✓

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

KERN **EFC 30K-3L**

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

Counting

Smallest piece weight when piece counting - laboratory conditions	1 g
Smallest piece weight when piece counting - normal conditions	10 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	Accu & 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

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

Packing & Shipping

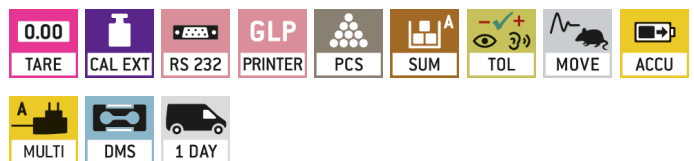|	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	930×550×220 mm
Net weight	10,5 kg
Shipping method	Parcel service
Net weight approx.	11 kg
Gross weight approx.	13 kg
Shipping weight	22,5 kg

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 (verification)	969-517

Pictograms

STANDARD

0.00 TARE	CAL EXT	RS 232	GLP PRINTER	PCS	SUM	TOL	MOVE	ACCU

MULTI	DMS	1 DAY

OPTION

DAkkS +3 DAYS