

KERN CPE 30K-3

Compact bench scale for rapid, simple counting, checkweighing applications and much more, counting resolution of 60,000 points



Category

Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	CPE

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,001 kg
Resolution	30.000
Linearity	± 0,003 kg
Reproducibility	0,001 kg
Default unit	kg
Units	kg g PCS
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (F2); 2 kg (F2)
Possible calibration points	10 kg; 20 kg; 30 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,005 kg
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	LED white
Display digit height	20 mm

Construction

Dimension housing (W×D×H)	340×320×115 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	230×300 mm
Levelling feet adjustable	✓

Functions

Number of keys for operation	20
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Recipe/summing level	Sum A
Sum memory function	✓
Interfaces	RS-232 standard

Counting

Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	60.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
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

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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]	15 %
Humidity of environment [Max]	85 %
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	415×375×185 mm
Net weight	3,1 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,0 kg
Shipping weight	5,8 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



OPTION

