

KERN CPB 30K0.5N

KERN

Professional model with counting resolution 60.000 points



Date of creation: 19.06.2026

Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,0005 kg
Reproducibility	0,001 kg
Linearity	± 0,002 kg
Resolution	60.000
Tare range	30 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (F2); 10 kg (F2)
Possible calibration points	30 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,005 kg
Construction type of the scale	Single-range balance
Units	kg
Maximum creep (15 minutes)	5 g
Maximum creep (30 minutes)	10 g
Default unit	kg

Display

Display type	LCD
Display backlight	✓
Display digit height - smallest digit	4 mm
Display digit height	20 mm

Construction

Dimension housing (W×D×H)	315×350×100 mm
Dimensions device (W×D×H)	315×350×125 mm
Dimensions completely mounted (W×D×H)	315×350×125 mm
Dimensions weighing surface (W×D)	295×225 mm
Dimensions weighing surface	295×225 mm
Material housing	plastic
Material weighing plate	stainless steel
Level indicator	✓
Levelling feet adjustable	✓

Functions

PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Counting function	✓
Counting resolution (laboratory conditions)	60.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Reference quantity	n (any number of pieces)
	3 min
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 30 min 15 min
Tare function	manual (multi)
Number of keys for operation	20

Interface

Interfaces	RS-232 standard
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Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH

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Plug-in power supply / adapter for countries - optional	EURO
	AUS
	UK
	US
	CH
Power supply - Cable length	180 cm
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
Rechargeable battery	GAB-A04
Rechargeable battery operating time - backlight on	50 h
Rechargeable battery operating time - backlight off	90 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
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Services (optional)

Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

Packing & Shipping

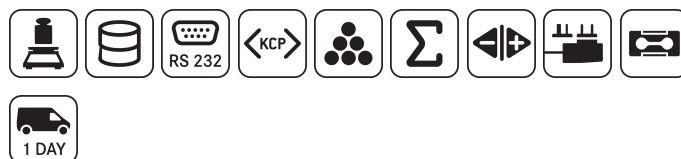
Delivery time	1 d
Dimensions packaging (W×D×H)	370×450×220 mm
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	4,4 kg
Shipping weight	7,3 kg
Shipping volume weight	7,3 kg

Product information

GTIN/EAN number	4045761124394
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

