

KERN CPB 6K0.1N

Professional model with counting resolution 60.000 points

KERN



Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6 kg
Readability [d]	0,0001 kg
Reproducibility	0,0002 kg
Linearity	± 0,0004 kg
Resolution	60.000
Tare range	6 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (F2); 1 kg (F2)
Possible calibration points	6 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,0005 kg
Maximum creep (15 minutes)	1 g
Maximum creep (30 minutes)	2 g
Default unit	g
Units	g
Loadcell type	aluminium IP65 silicone-coated

Display

Display type	LCD
Display backlight	✓

Display digit height	20 mm
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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
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,1 Nm

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	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	n (any number of pieces)
IP protection - load cell	IP65
	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
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Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
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.	3,2 kg
Gross weight approx.	4,4 kg
Shipping weight	7,3 kg

Pictograms

STANDARD



OPTION

