

KERN CPB 6K1DM

KERN

Professional model, also with EC type approval [M], counting resolution up to 60,000 points



Category

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

Measuring System

Construction type of the scale	Multi-division balance
Weighing system	Strain gauge
Weighing capacity [Max]	3 kg; 6 kg
Readability [d]	0,001 kg; 0,002 kg
Resolution	3.000, 3.000
Linearity	± 0,002 kg; 0,004 kg
Reproducibility	0,001 kg; 0,002 kg
Tare range	5,998 kg
Default unit	g
Units	kg
Minimum weight [Min]	0,02 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (F2); 1 kg (F2)
Possible calibration points	3 kg; 6 kg
Stabilization time	2 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,005 kg; 0,01 kg

Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,001 kg; 0,002 kg
Conformity assessment possible ex works	✓

Display

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

Construction

Dimensions device (W×D×H)	315×350×125 mm
Dimension housing (W×D×H)	315×350×100 mm
Dimensions completely mounted (W×D×H)	315×350×125 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	295×225 mm
Transport safety lock - bolt torque	0,1 Nm
Levelling feet adjustable	✓

Functions

Number of keys for operation	20
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 30 min 15 min
PreTare function	✓
Tare function	manual (single & multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Recipe/summing level	Sum A
Sum memory function	✓
Underfloor weighing	None
Interfaces	RS-232 standard

Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 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
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Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
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
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	50 h
Rechargeable battery operating time - backlight off	90 h

Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	450×375×220 mm
Net weight	3,384 kg
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	4,4 kg
Shipping weight	7,4 kg

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for conformity assessment	965-228
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

