

KERN CPB 15K2DM

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



Accuracy classe	III
Verification scale interval [e]	0,002 kg; 0,005 kg
Conformity assessment possible ex works	✓

Display	
Display type	LCD
Display backlight	✓
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
Material load cell(s)	aluminium
Levelling feet adjustable	✓

Functions	
Number of keys for operation	20
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 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
IP protection - load cell	IP65

Counting	
Smallest piece weight when piece counting - laboratory conditions	250 mg
Smallest piece weight when piece counting - normal conditions	2,5 g
Counting reference weight can be entered	✓

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]	6 kg; 15 kg
Readability [d]	0,002 kg; 0,005 kg
Resolution	3.000, 3.000
Linearity	± 0,004 kg; 0,01 kg
Reproducibility	0,002 kg; 0,005 kg
Tare range	14,995 kg
Default unit	kg
Units	kg
Minimum weight [Min]	0,04 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	15 kg (F2)
Possible calibration points	6 kg; 15 kg
Stabilization time	2 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,01 kg; 0,025 kg
Loadcell type	aluminium IP65 silicone-coated

Approval	
CE mark	✓
Pattern approval for conformity assessment	✓

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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]	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
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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	3,432 kg
Shipping method	Parcel service
Net weight approx.	3,6 kg
Gross weight approx.	4,6 kg
Shipping weight	7,4 kg

Services (optional)

Article number for adjustment at the location of installation	961-248
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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

