

KERN CPB 30K5DM

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



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
 Levelling feet adjustable ✓

Functions

Number of keys for operation 20
 3 min
 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 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

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] 15 kg; 30 kg
 Readability [d] 0,005 kg; 0,01 kg
 Resolution 3.000, 3.000
 Linearity ± 0,01 kg; 0,02 kg
 Reproducibility 0,005 kg; 0,01 kg
 Tare range 29,99 kg
 Default unit kg
 Units kg
 Minimum weight [Min] 0,1 kg
 Adjustment options Adjusting with external weight
 Recommended adjusting weight 20 kg (F2); 10 kg (F2)
 Possible calibration points 15 kg; 30 kg
 Stabilization time 2 s
 Warm-up time 10 min; 10 min
 Eccentric loading at 1/3 [Max] 0,02 kg; 0,05 kg

Approval

CE mark ✓
 Pattern approval for conformity assessment ✓
 Accuracy classe III
 Verification scale interval [e] 0,005 kg; 0,01 kg

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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
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)	445×375×220 mm
Net weight	3,41 kg
Shipping method	Parcel service
Net weight approx.	3,6 kg
Gross weight approx.	4,4 kg
Shipping weight	7,3 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

