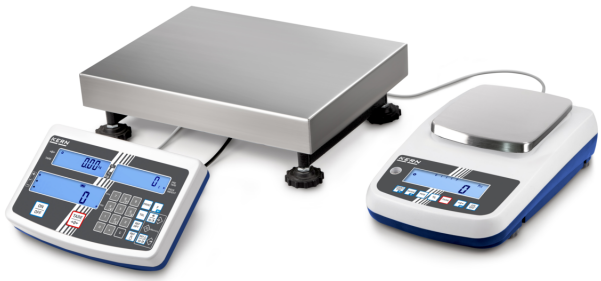
KERN **CCA 60K-4M**

High-resolution counting system to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999, verification optional



Date of creation: 22.06.2026

Category

Brand	KERN
Product category	Industrial scale
Product group	Counting system
Product family	CCA

Measuring System

Weighing system	Strain gauge
Reference scale - Weighing capacity [Max]	6 kg
Linearity	±
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Quantity scale - Item number	IFS 60K-2M
Stabilization time	2 s
Reference scale - Eccentric loading at 1/3 [Max]	300 mg
Quantity scale - Linearity	0,01 kg; 0,02 kg
Quantity scale - Eccentric loading at 1/3 [Max]	0,01 kg; 0,02 kg
Conformity assessment possible	✓
Quantity scale - Reproducibility	0,01 kg; 0,02 kg
Reference scale - Reproducibility	100 mg
Reference scale - item number	TEWJ 6000-1M-B
Reference scale - Linearity	300 mg
Units	kg
Units (if device is conformity assessed)	kg
Default unit	kg
Quantity scale - Readability [d]	0,01 kg; 0,02 kg
Quantity scale - Weighing capacity [Max]	30 kg; 60 kg
Reference scale - Readability [d]	100 mg

Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

Construction

Dimension display device (W×D×H)	250×160×65 mm
Dimensions weighing surface (W×D)	400×300 mm
Dimensions weighing surface	400×300 mm
Dimensions weighing platform (W×D×H)	400×300×120 mm
Material housing	plastic
Material weighing plate	metal, lacquered
Material platform	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Cable length	1,5 m
Display device cable length	5 m

Functions

PreTare function	✓
Sum memory function	✓
Recipe/summing level	Rez A (Net total)
Conversion function	✓
PLU - total	100
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Counting function	✓
Counting resolution (laboratory conditions)	600.000
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	5, 10, 20, 50, 100
IP protection - complete device	IP23
IP protection - display	no IP protection
IP protection - platform	IP65
IP protection - load cell	IP65
Memory function	✓
Tare function	manual (multi)
Number of keys for operation	28

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 CH
Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Inside plus, outside minus
Battery / accumulator type	Pb
Battery	no battery
Battery connection	Plug-in terminals
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	18 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional

Environmental conditions

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓

Services (optional)

Article number for conformity assessment	965-229-216
Article number for DAkkS calibration	962-129-127
Article number for certificate of conformity	969-517

Packing & Shipping

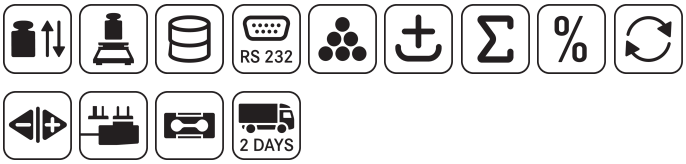
Delivery time	4 d
Dimensions packaging (W×D×H)	795×460×490 mm
Shipping method	Parcel service
Net weight approx.	14 kg
Gross weight approx.	17 kg
Shipping weight	35,8 kg
Shipping volume weight	35,8 kg

Product information

GTIN/EAN number	4045761276383
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

FACTORY