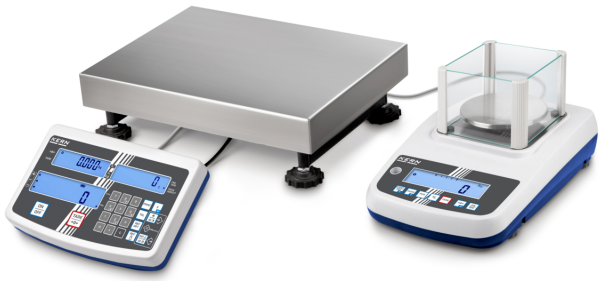
KERN **CCA 10K-5M**

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]	0,6 kg
Linearity	±
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Quantity scale - Item number	IFS 10K-3M
Stabilization time	2 s
Reference scale - Eccentric loading at 1/3 [Max]	30 mg
Quantity scale - Linearity	0,002 kg; 0,005 kg
Quantity scale - Eccentric loading at 1/3 [Max]	0,002 kg; 0,005 kg
Conformity assessment possible	no
Quantity scale - Reproducibility	0,002 kg; 0,005 kg
Reference scale - Reproducibility	10 mg
Reference scale - item number	TEWJ 600-2M-B
Reference scale - Linearity	30 mg
Units	kg
Units (if device is conformity assessed)	kg
Default unit	kg
Quantity scale - Readability [d]	0,002 kg; 0,005 kg
Quantity scale - Weighing capacity [Max]	6 kg; 15 kg
Reference scale - Readability [d]	10 mg

Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

Construction

Dimensions weighing surface (W×D)	300×240 mm
Dimensions weighing surface	300×240 mm
Dimensions weighing platform (W×D×H)	300×240×110 mm
Material housing	plastic
Material weighing plate	metal, lacquered
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,1 Nm
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)	750.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Reference quantity	5, 10, 20, 50, 100
IP protection - complete device	IP23
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 US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US 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 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

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	✓

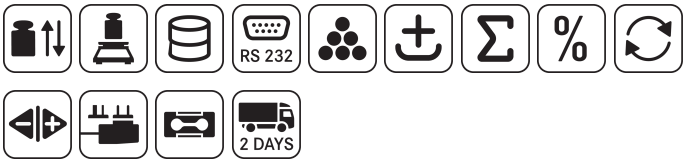
Services (optional)	
Article number for conformity assessment	965-228-216
Article number for DAkkS calibration	962-128-127
Article number for certificate of conformity	969-517

Packing & Shipping	
Delivery time	4 d
Dimensions packaging (W×D×H)	695×405×495 mm
Shipping method	Parcel service
Net weight approx.	9 kg
Gross weight approx.	11 kg
Shipping weight	27,9 kg
Shipping volume weight	27,9 kg

Product information	
GTIN/EAN number	4045761235120
Trade number	90160010
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

FACTORY