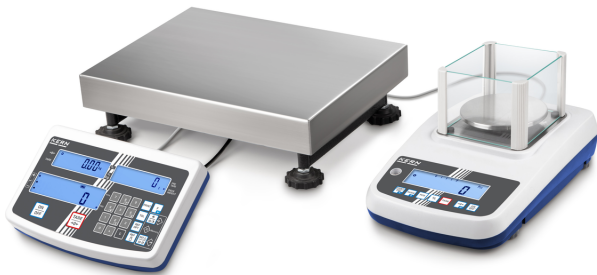


KERN CCA 100K-5M

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



Category

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

Measuring System

Reference scale - item number	TEWJ 600-2M-B
Quantity scale - Item number	IFS 100K-2M
Weighing system	Strain gauge
Reference scale - Weighing capacity [Max]	0,6 kg
Quantity scale - Weighing capacity [Max]	60 kg; 150 kg
Reference scale - Readability [d]	10 mg
Quantity scale - Readability [d]	0,02 kg; 0,05 kg
Linearity	±
Reference scale - Linearity	30 mg
Quantity scale - Linearity	0,02 kg; 0,05 kg
Reference scale - Reproducibility	10 mg
Quantity scale - Reproducibility	0,02 kg; 0,05 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Stabilization time	2 s
Reference scale - Eccentric loading at 1/3 [Max]	30 mg
Quantity scale - Eccentric loading at 1/3 [Max]	0,02 kg; 0,05 kg

Approval

CE mark	✓
Conformity assessment possible ex works	✓

Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

Construction

Dimensions weighing platform (W×D×H)	500×400×140 mm
Material housing	plastic
Material weighing plate	coated metal
Dimensions weighing surface (W×D)	500×400 mm
Cable length	1,5 m
Display device cable length	5 m
Material load cell(s)	aluminium
Levelling feet adjustable	✓

Functions

Number of keys for operation	28
PreTare function	✓
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Conversion function	✓
Recipe/summing level	Rez A (Net total)
PLU - total	100
Sum memory function	✓
Memory function	✓
Interfaces	RS-232 standard
IP protection - complete device	IP23
IP protection - load cell	IP65
IP protection - platform	IP65

Counting

Smallest piece weight when piece counting - laboratory conditions	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, 100
Counting resolution (laboratory conditions)	7.500.000

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Power Supply

Input voltage power supply / power [Max]	100 - 240 V
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 charging time	12 h
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	18 h
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	4 d
Dimensions packaging (W×D×H)	930×545×485 mm
Net weight	15,1 kg
Shipping method	Parcel service
Net weight approx.	16 kg
Gross weight approx.	18 kg
Shipping weight	49,2 kg

Services (optional)

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

Pictograms

STANDARD



OPTION



FACTORY

