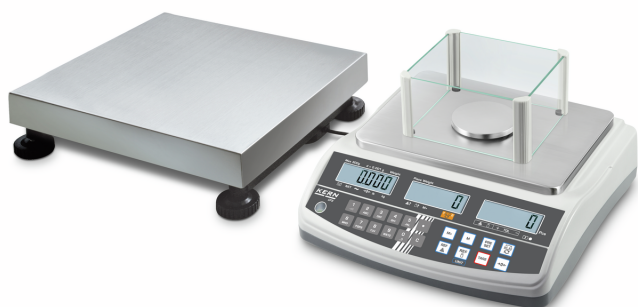


# KERN CCS 6K-6

Counting system to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999



## Category

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

## Measuring System

Reference scale - item number	CFS 300-3
Quantity scale - Item number	TKFP 6V20M-A
Construction type of the scale	Multi-range balance
Weighing system	Strain gauge
Reference scale - Weighing capacity [Max]	0,3 kg
Quantity scale - Weighing capacity [Max]	6 kg
Quantity scale - Readability [d]	0,0002 kg
Reference scale - Readability [d]	1 mg
Reproducibility	0,000002 kg
Reference scale - Reproducibility	2 mg
Quantity scale - Reproducibility	0,0002 kg
Linearity	±
Reference scale - Linearity	4 mg
Quantity scale - Linearity	0,0006 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (F1)
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,000006 kg
Reference scale - Eccentric loading at 1/3 [Max]	6 mg
Quantity scale - Eccentric loading at 1/3 [Max]	0,001 kg
Default unit	kg
Units	g lb
Loadcell type	aluminum Alloy IP64

## Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

## Construction

Dimensions weighing surface (W×D)	230×230 mm
Dimensions weighing surface	230×230 mm
Dimensions weighing platform (W×D×H)	230×230×103 mm
Material housing	plastic
Material weighing plate	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Cable length	1,5 m
Display device cable length	3 m

## Functions

PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
Conversion function	✓
PLU - total	100
Tolerance weighing	✓
Counting function	✓
Counting resolution (laboratory conditions)	1.200.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	5 mg
Smallest piece weight when piece counting - normal conditions	50 mg
Reference quantity	n (any number of pieces)
IP protection - display	IP23
IP protection - platform	IP65
IP protection - load cell	IP65
Memory function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (multi)
Number of keys for operation	20

## Interface

Interfaces	RS-232 standard
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# KERN

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## Power Supply

Supplied power supply	Power supply unit
Plug-in 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 UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	Pb
Rechargeable battery	GAB-A04
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	60 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
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Approval

CE mark	✓
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## Services (optional)

Article number for adjustment at the location of installation	abhängig von Auflösung/ Max   depends on resolution and capacity
Article number for DAkkS calibration	962-128-127
Article number for certificate of conformity	969-517

## Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	630×535×350 mm
Shipping method	Parcel service

Net weight approx.	7 kg
Gross weight approx.	10 kg
Shipping weight	23,6 kg

## Pictograms

### STANDARD



### OPTION

