KERN **CCS 30K0.1.**

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

Date of creation: 02.10.2026

Category

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

Measuring System

Weighing system	Strain gauge
Reference scale - Weighing capacity [Max]	6 kg
Reproducibility	0,0001 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Quantity scale - Item number	TKFP 30V20M-A
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,0003 kg
Reference scale - Eccentric loading at 1/3 [Max]	500 mg
Quantity scale - Linearity	0,004 kg
Quantity scale - Eccentric loading at 1/3 [Max]	0,005 kg
Quantity scale - Reproducibility	0,001 kg
Reference scale - Reproducibility	100 mg
Reference scale - item number	CFS 6K0.1
Reference scale - Linearity	200 mg
Construction type of the scale	Multi-range balance
Units	kg lb
Default unit	kg
Loadcell type	aluminum Alloy IP64
Quantity scale - Readability [d]	0,001 kg
Quantity scale - Weighing capacity [Max]	30 kg
Reference scale - Readability [d]	100 mg
Warm-up time	120 min

Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

Construction

Dimensions completely mounted (W×D×H)	320×350×120 mm
Dimensions weighing surface (W×D)	400×300 mm
Dimensions weighing surface	400×300 mm
Dimensions weighing platform (W×D×H)	400×300×114 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

IP protection - display	IP23
IP protection - platform	IP65
IP protection - load cell	IP65
PreTare function	✓
Sum memory function	✓
Tolerance weighing	✓
Conversion function	✓
Counting function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (multi)
Underfloor weighing	None
Counting resolution (laboratory conditions)	300.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	100 mg
Reference quantity	n (any number of pieces)
PLU - total	100
Memory function	✓
Recipe/summing level	Sum A

KERN **CCS 30K0.1.**

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

Number of keys for operation	20
Smallest piece weight when piece counting - normal conditions	1 g
Tolerance weighing - type of signal	visual

Interface

Interfaces	RS-232 standard

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
Power supply – Cable length	180 cm
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Inside plus, outside minus
Rechargeable battery	GAB-A04
Rechargeable battery operating time - backlight on	70 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
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

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	962-128-128
Article number for certificate of conformity	969-517

Packing & Shipping

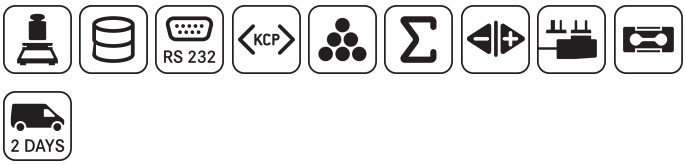
Delivery time	2 d
Dimensions packaging (W×D×H)	940×640×225 mm
Shipping method	Parcel service
Net weight approx.	10 kg
Gross weight approx.	16 kg
Shipping weight	27,1 kg
Shipping volume weight	27,1 kg

Product information

GTIN/EAN number	4045761153271
Trade number	84238129
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION