

# KERN CCS 300K0.1

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



## Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

## Construction

Dimensions weighing surface (W×D)	650×500 mm
Dimensions weighing surface	650×500 mm
Dimensions weighing platform (W×D×H)	650×500×136 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	✓
Tolerance weighing - type of signal	visual
Underfloor weighing	None
Counting function	✓
Counting resolution (laboratory conditions)	3.000.000
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	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

## Category

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

## Measuring System

Weighing system	Strain gauge
Quantity scale - Item number	TKFP 300V20M-A
Reference scale - Readability [d]	100 mg
Reference scale - item number	CFS 6K0.1
Reference scale - Weighing capacity [Max]	6 kg
Reproducibility	0,0001 kg
Linearity	±
Quantity scale - Reproducibility	0,01 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 kg (M1)
Quantity scale - Weighing capacity [Max]	300 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,0003 kg
Reference scale - Linearity	200 mg
Reference scale - Reproducibility	100 mg
Quantity scale - Linearity	0,04 kg
Quantity scale - Eccentric loading at 1/3 [Max]	0,05 kg
Quantity scale - Readability [d]	0,01 kg
Reference scale - Eccentric loading at 1/3 [Max]	500 mg
Construction type of the scale	Multi-range balance
Units	kg lb
Default unit	kg
Loadcell type	aluminum Alloy IP64

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## 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

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

Humidity of environment [Min] 0 %

Humidity of environment [Max] 80 %

Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

## Approval

CE mark ✓

## 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 962-129-128

Article number for certificate of conformity 969-517

## Packing & Shipping

Delivery time 3 d

Dimensions packaging (W×D×H) 670×1045×545 mm

Shipping method Parcel service

Net weight approx. 24 kg

Gross weight approx. 30 kg

Shipping weight 76,3 kg

## Product information

GTIN/EAN number 4045761104648

REACH classification no prohibited substances

## Pictograms

### STANDARD



### OPTION

