

# 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



## Approval

CE mark ✓

## Display

Display type LCD  
 Display backlight ✓  
 Display digit height 20 mm

## Construction

Dimensions weighing platform (W×D×H) 400×300×114 mm  
 Dimensions completely mounted (W×D×H) 320×350×120 mm  
 Material housing plastic  
 Material weighing plate stainless steel  
 Dimensions weighing surface (W×D) 400×300 mm  
 Cable length 1,5 m  
 Display device cable length 3 m  
 Material load cell(s) aluminium  
 Levelling feet adjustable ✓

## Functions

Number of keys for operation 20  
 Auto-off interval(s) in battery mode/rechargeable battery mode selectable  
 PreTare function ✓  
 Tare function manual (multi)  
 Counting function ✓  
 Tolerance weighing ✓  
 Tolerance weighing - type of signal visual  
 Conversion function ✓  
 Recipe/summing level Sum A  
 PLU - total 100  
 Sum memory function ✓  
 Memory function ✓  
 Underfloor weighing None  
 Interfaces RS-232 standard  
 IP protection - display IP23  
 IP protection - load cell IP65  
 IP protection - platform IP65

## Counting

Smallest piece weight when piece counting - laboratory conditions 100 mg  
 Smallest piece weight when piece counting - normal conditions 1 g

## Category

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

## Measuring System

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

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Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	300.000

## Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
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 optional	Rchrg. battery optional
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	70 h
Rechargeable battery operating time - backlight off	60 h

## 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)	2 d
Dimensions packaging (W×D×H)	940×640×225 mm
Net weight	9,7 kg
Shipping method	Parcel service
Net weight approx.	10 kg
Gross weight approx.	16 kg
Shipping weight	27,1 kg

## 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 (verification)	969-517

## Pictograms

### STANDARD



### OPTION

