

# 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



## Approval

CE mark ✓

## Display

Display type LCD  
 Display backlight ✓  
 Display digit height 20 mm

## Construction

Dimensions weighing platform (W×D×H) 650×500×136 mm  
 Material housing plastic  
 Material weighing plate stainless steel  
 Dimensions weighing surface (W×D) 650×500 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  
 Counting reference weight can be entered ✓

## 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 300V20M-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] 300 kg  
 Reference scale - Readability [d] 100 mg  
 Quantity scale - Readability [d] 0,01 kg  
 Linearity ±  
 Reference scale - Linearity 200 mg  
 Quantity scale - Linearity 0,04 kg  
 Reproducibility 0,0001 kg  
 Reference scale - Reproducibility 100 mg  
 Quantity scale - Reproducibility 0,01 kg  
 Default unit kg  
 Units kg  
 lb  
 Adjustment options Adjusting with external weight  
 Recommended adjusting weight 300 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] 0,05 kg  
 Loadcell type aluminum Alloy IP64

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|   |                          |
|---|--------------------------|
| Reference quantity                          | n (any number of pieces) |
| Counting resolution (laboratory conditions) | 3.000.000                |

## 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<br>UK<br>US<br>CH  |

|   |                               |
|---|-------------------------------|
| Plug-in power supply / adapter for countries - optional | EURO<br>AUS<br>UK<br>US<br>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)    | 3 d             |
| Dimensions packaging (W×D×H) | 670×1045×545 mm |
| Net weight                   | 23,7 kg         |
| Shipping method              | Parcel service  |
| Net weight approx.           | 24 kg           |
| Gross weight approx.         | 30 kg           |
| Shipping weight              | 76,3 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 | 962-129-128 |
|--------------------------------------|-------------|

|   |         |
|---|---------|
| Article number for certificate of conformity (verification) | 969-517 |
|---|---------|

## Pictograms

### STANDARD



### OPTION

