# KERN **CCA 6K-4M**

**KERN**

High-resolution counting system to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999, verification optional



## Category

| | |
|---|---|
| Brand | KERN |
| Product categoriy | Industrial scale |
| Product group | Counting system |
| Product family | CCA |

## Measuring System

| | |
|---|---|
| Reference scale - item number | EWJ 6000-1M |
| Quantity scale - Item number | IFS 6K-3M |
| Weighing system | Strain gauge |
| Reference scale - Weighing capacity [Max] | 6 kg |
| Quantity scale - Weighing capacity [Max] | 3 kg; 6 kg |
| Reference scale - Readability [d] | 100 mg |
| Quantity scale - Readability [d] | 0,001 kg; 0,002 kg |
| Linearity | ± |
| Reference scale - Linearity | 300 mg |
| Quantity scale - Linearity | 0,001 kg; 0,002 kg |
| Reference scale - Reproducibility | 100 mg |
| Quantity scale - Reproducibility | 0,001 kg; 0,002 kg |
| Default unit | kg |
| Units | kg |
| Units (if device is conformity assessed) | kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 6 kg (M1) |
| Stabilization time | 2 s |
| Reference scale - Eccentric loading at 1/3 [Max] | 300 mg |
| Quantity scale - Eccentric loading at 1/3 [Max] | 0,001 kg; 0,002 kg |

## Approval

| | |
|---|---|
| CE mark | ✓ |
| Conformity assessment possible ex works | ✓ |

## Display

| | |
|---|---|
| Display type | LCD |
| Display backlight | ✓ |
| Display digit height | 20 mm |

## Construction

| | |
|---|---|
| Dimension display device (W×D×H) | 250×160×65 mm |
| Dimensions weighing platform (W×D×H) | 300×240×105 mm |
| Material housing | plastic |
| Material weighing plate | coated metal |
| Material platform | Stainless steel |
| Dimensions weighing surface (W×D) | 300×240 mm |
| Cable length | 1,5 m |
| Display device cable length | 5 m |
| Transport safety lock - bolt torque | 0,1 Nm |
| Material load cell(s) | aluminium |
| Levelling feet adjustable | ✓ |

## Functions

| | |
|---|---|
| Number of keys for operation | 28 |
| PreTare function | ✓ |
| Tare function | manual (multi) |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Conversion function | ✓ |
| Recipe/summing level | Rez A (Net total) |
| PLU - total | 100 |
| Sum memory function | ✓ |
| Memory function | ✓ |
| Interfaces | RS-232 standard |
| IP protection - complete device | IP23 |
| IP protection - display | no IP protection |
| 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 | ✓ |
| Reference quantity | 5, 10, 20, 50, 100 |

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| Counting resolution (laboratory conditions) | 60.000 |
|---|---|

## Power Supply

| Input voltage power supply / power [Max] | 100 - 240 V |
|---|---|
| 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 CH |
| Rechargeable battery optional | Rchrg. battery optional |
| Rechargeable battery charging time | 12 h |
| Rechargeable battery operating time - backlight on | 8 h |
| Rechargeable battery operating time - backlight off | 18 h |
| Battery | no battery |
| Battery / accumulator type | Pb |
| Battery connection | Plug-in terminals |

## Environmental conditions

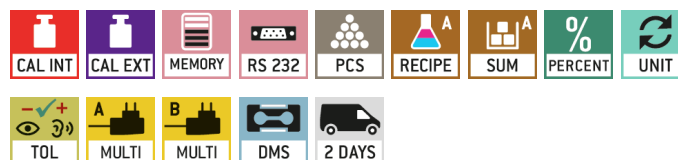| Humity of environment [Min] | 0 % |
|---|---|
| Humity of environment [Max] | 80 % |
| Ambient temperature [Min] | 0 °C |
| Ambient temperature [Max] | 40 °C |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

## Packing & Shipping

| Readability force [d] (N) | 4 d |
|---|---|
| Dimensions packaging (W×D×H) | 695×405×490 mm |
| Net weight | 8,624 kg |
| Shipping method | Parcel service |
| Net weight approx. | 9 kg |
| Gross weight approx. | 12 kg |
| Shipping weight | 27,6 kg |

## Services (optional)

| Article number for conformity assessment | 965-229-216 |
|---|---|
| Article number for DAkkS calibration | 962-129-127 |
| Article number for certificate of conformity (verification) | 969-517 |

## Pictograms

### STANDARD

| CAL INT | CAL EXT | MEMORY | RS 232 | PCS | RECIPE | SUM | PERCENT | UNIT |
|---|---|---|---|---|---|---|---|---|

| TOL | MULTI | MULTI | DMS | 2 DAYS |
|---|---|---|---|---|

### OPTION

| ACCU | DAkkS +3 DAYS |
|---|---|

### FACTORY

| ACCU | M +3 DAYS |
|---|---|