

# KERN CIB 6K-4

Robust counting scale with large article memory, convenient operating philosophy and checkweighing display, counting resolution up to 30,000 points



## Category

|                  |                  |
|------------------|------------------|
| Brand            | KERN             |
| Product category | Industrial scale |
| Product group    | Counting scale   |
| Product family   | CIB              |

## Measuring System

|                                |                                |
|--------------------------------|--------------------------------|
| Weighing system                | Strain gauge                   |
| Weighing capacity [Max]        | 6 kg                           |
| Readability [d]                | 0,0005 kg                      |
| Reproducibility                | 0,0005 kg                      |
| Linearity                      | ± 0,0015 kg                    |
| Resolution                     | 12.000                         |
| Tare range                     | 6 kg                           |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 5 kg (M1)                      |
| Stabilization time             | 2 s                            |
| Eccentric loading at 1/3 [Max] | 0,0025 kg                      |
| Construction type of the scale | Single-range balance           |
| Units                          | kg                             |
| Maximum creep (15 minutes)     | 2 g                            |
| Maximum creep (30 minutes)     | 4 g                            |
| Default unit                   | kg                             |

## Display

|                      |                          |
|----------------------|--------------------------|
| Display type         | LCD                      |
| Display backlight    | blue, yellow, green, red |
| Display segments     | 6                        |
| Display digit height | 18 mm                    |

## Construction

|                                   |                 |
|-----------------------------------|-----------------|
| Dimension housing (W×D×H)         | 350×330×120 mm  |
| Dimensions weighing surface (W×D) | 315×215 mm      |
| Dimensions weighing surface       | 315×215 mm      |
| Material housing                  | plastic         |
| Material weighing plate           | stainless steel |
| Level indicator                   | ✓               |
| Levelling feet adjustable         | ✓               |
| Display device cable length       | 5 m             |

## Functions

|   |                          |
|---|--------------------------|
| PreTare function  | ✓                        |
| Recipe/summing level  | Sum A                    |
| Tolerance weighing  | ✓                        |
| Tolerance weighing - type of signal                               | acoustically visual      |
| Counting function   | ✓                        |
| Counting resolution (laboratory conditions)                       | 30.000                   |
| Counting reference weight can be entered                          | ✓                        |
| Smallest piece weight when piece counting - laboratory conditions | 200 mg                   |
| Smallest piece weight when piece counting - normal conditions     | 2 g                      |
| Reference quantity  | n (any number of pieces) |
| IP protection - load cell   | IP65                     |
| Tare function   | manual (multi)           |
| Number of keys for operation                                      | 34                       |

## Power Supply

|   |                                     |
|---|-------------------------------------|
| Supplied power supply   | Accu & Power supply                 |
| Power supply type   | Power adapter                       |
| Plug-in power supply / adapter for countries - included with the delivery | EURO<br>UK<br>CH                    |
| Plug-in power supply / adapter for countries - optional                   | EURO<br>AUS<br>UK<br>US<br>CH       |
| Input voltage power supply / power [Max]                                  | 100 V - 240 V AC 50/60 Hz 0.4 A max |
| Power supply cable removable  | removable                           |
| Input voltage device / power [Max]  | 12 V, 1000 mA                       |
| Power socket for mains adapter  | Inside plus, outside minus          |
| Battery / accumulator type  | Pb                                  |

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|   |  |
|---|--|
| Battery connection                                  | Plug-in terminals                          |
| Rechargeable battery                                | 6 V, 4 Ah                                  |
| Rechargeable battery operating time - backlight on  | 90 h                                       |
| Rechargeable battery operating time - backlight off | 160 h                                      |
| Rechargeable battery charging time                  | 14 h                                       |
| Battery/Accu connected                              | fixed electrical connection, not insulated |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | -10 °C |
| Ambient temperature [Max]     | 40 °C  |
| Humidity of environment [Min] | 15 %   |
| Humidity of environment [Max] | 85 %   |

## Approval

|         |   |
|---------|---|
| CE mark | ✓ |
|---------|---|

## Services (optional)

|   |         |
|---|---------|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for DAkkS calibration                          | 963-128 |
| Article number for certificate of conformity                  | 969-517 |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 385×395×147 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 3,6 kg         |
| Gross weight approx.         | 4,4 kg         |
| Shipping weight              | 4,5 kg         |
| Shipping volume weight       | 4,5 kg         |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 404576 1214897           |
| Trade number         | 84238 129                |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION

