# KERN **CXB 30K10NM**

Entry level model into professional counting, counting resolution of 30,000 points, verification optional

**Date of creation: 19.06.2026**

## Category

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

## Measuring System

| | |
|---|---|
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 30000 g |
| Readability [d] | 10 g |
| Reproducibility | 10 g |
| Linearity | ± 20 g |
| Minimum weight [Min] (verifiable) | 200 g |
| Resolution | 3.000 |
| Tare range | 30000 g |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 20 kg (M1); 10 kg (M1) |
| Stabilization time | 2 s |
| Eccentric loading at 1/3 [Max] | 30 g |
| Construction type of the scale | Single-range balance |
| Units | kg<br>g |
| Units (if device is conformity assessed) | g |
| Default unit | g |

## Display

| | |
|---|---|
| Display type | LCD |
| Display backlight | ✓ |
| Display digit height | 18 mm |

## Construction

| | |
|---|---|
| Dimension housing (W×D×H) | 300×330×110 mm |
| Dimensions weighing surface (W×D) | 300×225 mm |
| Dimensions weighing surface | 300×225 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |

## Functions

| | |
|---|---|
| Recipe/summing level | Rez A (Net total) |
| Tolerance weighing - type of signal | acoustically |
| Underfloor weighing | None |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 3.000 |
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 10 g |
| Smallest piece weight when piece counting - normal conditions | 100 g |
| Reference quantity | n (any number of pieces) |
| Auto-off interval(s) in battery mode/rechargeable battery mode | selectable |
| Tare function | manual (multi) |
| Number of keys for operation | 20 |

## Power Supply

| | |
|---|---|
| Supplied power supply | Accu & Power supply |
| Power supply type | Built-in power supply |
| Plug-in power supply / adapter for countries - included with the delivery | EURO |
| Plug-in power supply / adapter for countries - optional | UK<br>CH |
| Input voltage power supply / power [Max] | 220 V - 240 V AC, 50 Hz |
| Power supply cable removable | removable |
| Power socket for mains adapter | Power supply cable |
| Battery / accumulator type | Pb |
| Battery connection | Plug-in terminals |
| Battery – Individual weight | 741,8 g |
| Rechargeable battery | 6 V, 4 Ah |
| Rechargeable battery operating time - backlight on | 60 h |

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|---|---|
| Rechargeable battery operating time - backlight off | 200 h |
| Rechargeable battery charging time | 8 h |
| Battery/Accu connected | fixed electrical connection, not insulated |

## Environmental conditions

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

## Approval

| | |
|---|---|
| CE mark | ✓ |
| Conformity assessment possible ex works | ✓ |
| Accuracy classe | III |
| Verification scale interval [e] | 10 g |

## Services (optional)

| | |
|---|---|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for conformity assessment | 965-228 |
| 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) | 375×395×175 mm |
| Shipping method | Parcel service |
| Net weight approx. | 4,0 kg |
| Gross weight approx. | 4,4 kg |
| Shipping weight | 5,2 kg |
| Shipping volume weight | 5,2 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761162655 |
| Trade number | 84238129 |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD

### OPTION

### FACTORY