# KERN **IXC 60K-2LM-EX2**

Comfort and safety combined: Stainless steel platform scale with intuitive operation for hazardous areas, as an option with external rechargeable battery pack and verification




**Date of creation: 24.10.2026**

| Category | |
|---|---|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Platform scale |
| Product family | IXC-EX2 |

| Measuring System | |
|---|---|
| Weighing system | Strain gauge |
| Number of weighing ranges | 2 |
| Weighing capacity [Max] | 30 kg; 60 kg |
| Readability [d] | 10 g; 20 g |
| Reproducibility | 10 g; 20 g |
| Linearity | ± 10 g; 20 g |
| Minimum weight [Min] (verifiable) | 200 g; 400 g |
| Resolution | 3.000, 3.000 |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 60 kg (M1) |
| Possible calibration points | 30 kg; 60 kg |
| Stabilization time | 3 s |
| Eccentric loading at 1/3 [Max] | 10 g; 20 g |
| Conformity assessment possible | ✓ |
| Construction type of the scale | Multi-range balance |
| Units (if device is conformity assessed) | kg<br>g |
| Load cell connection | 6-wire |
| Default unit | kg |
| Loadcell type | aluminium IP65 silicone-coated |
| Warm-up time | 10 min; 10 min |

| Display | |
|---|---|
| Display type | LCD |
| Display type | LCD with backlight |
| Display backlight | ✓ |
| Display screen size | 160×60 mm |
| Display segments | 6 |
| Display digit height | 48 mm |
| Languages of the user interface | English<br>Symbol language |

| Construction | |
|---|---|
| Dimension display device (W×D×H) | 237,5×162,5×78 mm |
| Dimensions weighing surface (W×D) | 500×400 mm |
| Dimensions weighing surface | 500×400 mm |
| Dimensions weighing platform (W×D×H) | 500×400×127 mm |
| Material weighing plate | stainless steel |
| Material platform | steel, powder-coated |
| Material display housing | stainless steel |
| Material load cell(s) | aluminium |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |
| Display device cable length | 2,7 m |
| Platform Construction | Single-Cell |

| Functions | |
|---|---|
| Use in potentially explosive areas possible | ✓ |
| IP protection - display | IP65 / IP69 |
| IP protection - load cell | IP65 |
| Percentage determination | ✓ |
| Sum memory function | ✓ |
| Function for averaging under unstable weighing conditions | ✓ |
| Tolerance weighing | ✓ |
| Counting function | ✓ |
| Auto-off interval(s) in battery mode/rechargeable battery mode | off<br>30 s, 1 min, 2 min, 5 min, 30 min, 60 min |
| Auto-off interval(s) in mains power mode | off |
| Tare function | manual (multi) |
| Counting resolution (laboratory conditions) | 30.000 |

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| | |
|---|---|
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 2 g |
| Reference quantity | 5, 10, 20, 50, n (any number of pieces) |
| Recipe/summing level | Sum A |
| Alibi memory | optional internal memory |
| Alibi memory - number of memory spaces | 250.000 |
| Number of keys for operation | 7 |
| Smallest piece weight when piece counting - normal conditions | 20 g |
| Tolerance weighing - type of signal | acoustically<br>visual |

## Interface

| | |
|---|---|
| Interfaces | RS-232 (optional)<br>Ethernet (optional)<br>WiFi (optional, factory)<br>Alibi memory (optional, factory)<br>analogue (0 - 10 V) (optional)<br>analogue (4 - 20 mA) (optional)<br>Bluetooth BLE (v4.0) (optional, factory)<br>USB-Device (optional) |
| compatible with EasyTouch | ✓ |

## Power Supply

| | |
|---|---|
| Supplied power supply | Power supply unit |
| Input voltage power supply / power [Max] | 100 - 240 VAC, 0.12A |
| Input voltage device / power [Max] | 100 - 240 VAC, 0.12A |
| Power socket for mains adapter | Cable permanently installed |
| Battery / accumulator type | Li-Ion |
| Battery | no battery |
| Battery connection | Connector pin |
| Rechargeable battery | 3,7V 10Ah |
| Rechargeable battery operating time - backlight on | 60 h |
| Rechargeable battery operating time - backlight off | 160 h |
| Rechargeable battery charging time | 6 h |
| Rechargeable battery optional | Rchrg. battery optional (factory) |

## Environmental conditions

| | |
|---|---|
| Ambient temperature [Min] | -10 °C |
| Ambient temperature [Max] | 40 °C |
| Humity of environment [Max] | 80 % |

## Services (optional)

| | |
|---|---|
| Article number for adjustment at the location of installation | 961-249 |
| Article number for conformity assessment | 965-229 |
| Article number for DAkkS calibration | 963-129 |
| Article number for certificate of conformity | 969-517 |

## Packing & Shipping

| | |
|---|---|
| Delivery time | 4 d |
| Dimensions packaging (W×D×H) | 930×550×210 mm |
| Shipping method | Parcel service |
| Net weight approx. | 12 kg |
| Gross weight approx. | 15 kg |
| Shipping weight | 21,5 kg |
| Shipping volume weight | 21,5 kg |

## Product information

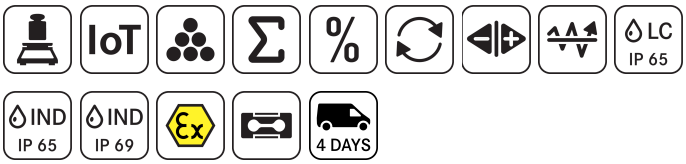
| | |
|---|---|
| GTIN/EAN number | 4045761485402 |
| Trade number | 84238220 |
| Warranty Time | 36 mon |
| REACH classification | no prohibited substances |

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## Pictograms

### STANDARD




### OPTION




### FACTORY

