

# KERN IXC 30K-3-EX2

**KERN**

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



Date of creation: 04.10.2026

## Category

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

## Measuring System

|                                |                                |
|--------------------------------|--------------------------------|
| Weighing system                | Strain gauge                   |
| Weighing capacity [Max]        | 30 kg                          |
| Readability [d]                | 1 g                            |
| Reproducibility                | 1 g                            |
| Linearity                      | ± 3 g                          |
| Resolution                     | 30.000                         |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 30 kg (M1)                     |
| Possible calibration points    | 30 kg                          |
| Stabilization time             | 3 s                            |
| Eccentric loading at 1/3 [Max] | 5 g                            |
| Construction type of the scale | Single-range balance           |
| Load cell connection           | 4-wire                         |
| Maximum creep (15 minutes)     | 4 g                            |
| Maximum creep (30 minutes)     | 8 g                            |
| Default unit                   | kg                             |
| Loadcell type                  | aluminium IP65 silicone-coated |
| Warm-up time                   | 120 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)    | 400×300 mm           |
| Dimensions weighing surface          | 400×300 mm           |
| Dimensions weighing platform (W×D×H) | 400×300×117 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                           | ✓                    |
| Transport safety lock - bolt torque  | 0,1 Nm               |
| 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)                                   |

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|                                                                   |                                         |
|-------------------------------------------------------------------|-----------------------------------------|
| Counting resolution (laboratory conditions)                       | 30.000                                  |
| Counting reference weight can be entered                          | ✓                                       |
| Smallest piece weight when piece counting - laboratory conditions | 1 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     | 10 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  |
| Humidity of environment [Max] | 80 %   |

## 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                | 4 d            |
| Dimensions packaging (W×D×H) | 795×460×220 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 9 kg           |
| Gross weight approx.         | 11 kg          |
| Shipping weight              | 16,1 kg        |
| Shipping volume weight       | 16,1 kg        |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761485495            |
| Trade number         | 84238129                 |
| Warranty Time        | 36 mon                   |
| REACH classification | no prohibited substances |

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## Pictograms

### STANDARD



### OPTION



### FACTORY

