

# KERN IXC 10K-4

**KERN**

Convenience for industry: Stainless steel platform scales with up to four interfaces and intuitive operation



## Category

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

## Measuring System

|                                |                                  |
|--------------------------------|----------------------------------|
| Weighing system                | Strain gauge                     |
| Number of weighing ranges      | 1                                |
| Weighing capacity [Max]        | 15 kg                            |
| Readability [d]                | 0,0005 kg                        |
| Reproducibility                | 0,0005 kg                        |
| Linearity                      | ± 0,0015 kg                      |
| Resolution                     | 30.000                           |
| Adjustment options             | Adjusting with external weight   |
| Recommended adjusting weight   | 15 kg (M1)                       |
| Stabilization time             | 3 s                              |
| Warm-up time                   | 120 min                          |
| Eccentric loading at 1/3 [Max] | 0,0025 kg                        |
| Load cell connection           | 4-wire                           |
| Construction type of the scale | Single-range balance             |
| Units                          | kg<br>g<br>lb<br>ffa<br>PCS<br>% |
| Maximum creep (15 minutes)     | 2 g                              |
| Maximum creep (30 minutes)     | 4 g                              |
| Default unit                   | kg                               |
| Loadcell type                  | aluminium IP65 silicone-coated   |

## 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)          | 232×150×77,3 mm      |
| Dimensions weighing surface (W×D)         | 300×240 mm           |
| Dimensions weighing surface               | 300×240 mm           |
| Dimensions weighing platform (W×D×H)      | 300×240×109 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                 | ✓                    |
| Stand rotatable                           | no                   |
| Stand inclinable                          | no                   |
| Wall mount                                | ✓                    |
| Transport safety lock - bolt torque       | 0,1 Nm               |
| Display device cable length               | 3 m                  |
| Allowed cable length display device [Max] | 3 m                  |
| Platform Construction                     | Single-Cell          |
| Load cells - number                       | 1                    |

## Functions

|                                                           |                          |
|-----------------------------------------------------------|--------------------------|
| PreTare function                                          | ✓                        |
| Sum memory function                                       | ✓                        |
| Recipe/summing level                                      | Sum A                    |
| Percentage determination                                  | ✓                        |
| Tolerance weighing                                        | ✓                        |
| Tolerance weighing - type of signal                       | acoustically<br>visual   |
| Alibi memory                                              | optional internal memory |
| Alibi memory - number of memory spaces                    | 250.000                  |
| Function for averaging under unstable weighing conditions | ✓                        |
| Counting function                                         | ✓                        |

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|                                                                   |                                         |
|-------------------------------------------------------------------|-----------------------------------------|
| Counting resolution (laboratory conditions)                       | 30.000                                  |
| Counting reference weight can be entered                          | ✓                                       |
| Smallest piece weight when piece counting - laboratory conditions | 500 mg                                  |
| Smallest piece weight when piece counting - normal conditions     | 5 g                                     |
| Reference quantity                                                | 5, 10, 20, 50, n (any number of pieces) |
| Hold function                                                     | ✓                                       |
| IP protection - complete device                                   | -                                       |
| IP protection - display                                           | IP68                                    |
| IP protection - platform                                          | no IP protection                        |
| IP protection - load cell                                         | IP65                                    |
| Auto-off interval(s) in battery mode/rechargeable battery mode    | 5 min                                   |
|                                                                   | 2 min                                   |
|                                                                   | 1 min                                   |
|                                                                   | 30 min                                  |
|                                                                   | 60 min                                  |
| Auto-off interval(s) in mains power mode                          | 30 sec                                  |
|                                                                   | off                                     |
| Tare function                                                     | manual (multi)                          |
| Number of keys for operation                                      | 7                                       |

## Interface

|            |                                          |
|------------|------------------------------------------|
| Interfaces | RS-232 (optional, factory)               |
|            | Ethernet (optional, factory)             |
|            | WiFi (optional, factory)                 |
|            | Alibi memory (optional, factory)         |
|            | analogue (0 - 10 V) (optional, factory)  |
|            | analogue (4 - 20 mA) (optional, factory) |
|            | Bluetooth BLE (v4.0) (optional, factory) |
|            | USB-Device (optional, factory)           |
|            |                                          |
|            |                                          |

compatible with EasyTouch ✓

## Power Supply

|                                                                           |                       |
|---------------------------------------------------------------------------|-----------------------|
| Supplied power supply                                                     | Power supply unit     |
| Plug-in power supply type                                                 | Built-in power supply |
| Plug-in power supply / adapter for countries - included with the delivery | EURO                  |

|                                                     |                                  |
|-----------------------------------------------------|----------------------------------|
| Input voltage power supply / power [Max]            | 110 V - 240 V AC                 |
| Power socket for mains adapter                      | Cable permanently installed      |
| Battery / accumulator type                          | Li-Ion                           |
| Battery                                             | no battery                       |
| Rechargeable battery operating time - backlight on  | 20 h                             |
| Rechargeable battery operating time - backlight off | 48 h                             |
| Rechargeable battery charging time                  | 8 h                              |
| Rechargeable battery optional                       | Rchrg. battery optional - intern |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | -10 °C |
| Ambient temperature [Max]     | 40 °C  |
| Humidity of environment [Min] | 0 %    |
| Humidity of environment [Max] | 80 %   |

## 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) | 700×410×230 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 6 kg           |
| Gross weight approx.         | 8 kg           |
| Shipping weight              | 13,2 kg        |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761358911            |
| REACH classification | no prohibited substances |

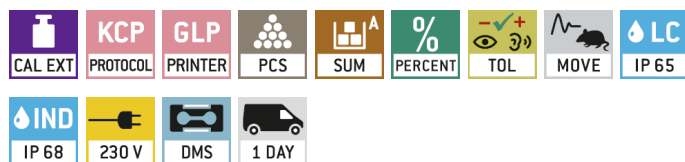
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## Pictograms

### STANDARD



### OPTION



### FACTORY

