

# KERN IXC 6K-4

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



## Approval

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

## Display

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

## Construction

|   |                      |
|---|----------------------|
| Dimension display device (W×D×H)          | 232×150×80 mm        |
| Dimensions weighing platform (W×D×H)      | 300×240×109 mm       |
| Material display housing                  | stainless steel      |
| Material weighing plate                   | stainless steel      |
| Material platform                         | steel, powder-coated |
| Dimensions weighing surface (W×D)         | 300×240 mm           |
| Display device cable length               | 3 m                  |
| Allowed cable length display device [Max] | 3 m                  |
| Transport safety lock - bolt torque       | 0,1 Nm               |
| Material load cell(s)                     | aluminium            |
| Load cells - number                       | 1                    |
| Levelling feet adjustable                 | ✓                    |
| Wall mount                                | ✓                    |

## Functions

|  |                |
|--|----------------|
| Number of keys for operation                                   | 7              |
| Auto-off interval(s) in mains power mode                       | off            |
|  | 5 min          |
|  | 2 min          |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 1 min          |
|  | 30 min         |
|  | 60 min         |
|  | 30 sec         |
| Capacity - Display   | ✓              |
| PreTare function   | ✓              |
| Tare function  | manual (multi) |
| Hold function  | ✓              |
| Percentage determination                                       | ✓              |
| Counting function  | ✓              |
| Tolerance weighing   | ✓              |

## Category

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

## Measuring System

|  |                                |
|--|--------------------------------|
| Construction type of the scale           | Single-range balance           |
| Number of weighing ranges                | 1                              |
| Weighing system                          | Strain gauge                   |
| Weighing capacity [Max]                  | 6 kg                           |
| Readability [d]                          | 0,0002 kg                      |
| Resolution                               | 30.000                         |
| Linearity                                | ± 0,0006 kg                    |
| Reproducibility                          | 0,0002 kg                      |
| Default unit                             | kg                             |
| Units                                    | kg                             |
| Units (if device is conformity assessed) | kg<br>g                        |
| Adjustment options                       | Adjusting with external weight |
| Recommended adjusting weight             | 6 kg (M1)                      |
| Stabilization time                       | 3 s                            |
| Warm-up time                             | 120 min                        |
| Eccentric loading at 1/3 [Max]           | 0,001 kg                       |
| Maximum creep (15 minutes)               | 800 mg                         |
| Maximum creep (30 minutes)               | 1,6 g                          |
| Loadcell type                            | aluminium IP65 silicone-coated |
| Load cell connection                     | 4-wire                         |

|   |  |
|---|--|
| Tolerance weighing - type of signal                       | acoustically<br>visual                   |
| Function for averaging under unstable weighing conditions | ✓  |
| Recipe/summing level                                      | Sum A                                    |
| Sum memory function                                       | ✓  |
| Alibi memory  | optional internal memory                 |
| Alibi memory - number of memory spaces                    | 250.000                                  |
| 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)           |
| IP protection - complete device                           | -  |
| IP protection - display                                   | IP68                                     |
| IP protection - load cell                                 | IP65                                     |
| IP protection - platform                                  | no IP protection                         |

| Counting  |   |
|---|---|
| Smallest piece weight when piece counting - laboratory conditions | 200 mg                                  |
| Smallest piece weight when piece counting - normal conditions     | 2 g                                     |
| Counting reference weight can be entered                          | ✓                                       |
| Reference quantity  | 5, 10, 20, 50, n (any number of pieces) |
| Counting resolution (laboratory conditions)                       | 30.000                                  |

| Power Supply  |                                  |
|---|----------------------------------|
| Input voltage power supply / power [Max]                                  | 110 V - 240 V AC                 |
| Plug-in power supply type   | Built-in power supply            |
| Supplied power supply   | Power supply unit                |
| Plug-in power supply / adapter for countries - included with the delivery | EURO                             |
| Rechargeable battery optional   | Rchrg. battery optional - intern |

|   |            |
|---|------------|
| Rechargeable battery charging time                  | 8 h        |
| Rechargeable battery operating time - backlight on  | 20 h       |
| Rechargeable battery operating time - backlight off | 48 h       |
| Battery   | no battery |
| Battery / accumulator type                          | Li-Ion     |

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

| Packing & Shipping           |                |
|------------------------------|----------------|
| Readability force [d] (N)    | 1 d            |
| Dimensions packaging (W×D×H) | 490×570×212 mm |
| Net weight                   | 5,1 kg         |
| Shipping method              | Parcel service |
| Net weight approx.           | 6 kg           |
| Gross weight approx.         | 7 kg           |
| Shipping weight              | 11,8 kg        |

| 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 (verification)   | 969-517 |

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## Pictograms

### STANDARD



### OPTION



### FACTORY

