

# KERN SXC 100K-2

Interlinked for industry of the future: Stainless steel platform scale with up to four data interfaces and optional alibi memory



| 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)          | 232×150×80 mm    |
| Dimensions weighing surface (W×D)         | 500×400 mm       |
| Dimensions weighing surface               | 500×400 mm       |
| Dimensions weighing platform (W×D×H)      | 500×400×126 mm   |
| Material weighing plate                   | stainless steel  |
| Material platform                         | Stainless steel  |
| Material display housing                  | stainless steel  |
| Material load cell(s)                     | Stainless steels |
| Level indicator                           | ✓                |
| Levelling feet adjustable                 | ✓                |
| Stand rotatable                           | no               |
| Stand inclinable                          | no               |
| Wall mount                                | ✓                |
| Display device cable length               | 3 m              |
| Allowed cable length display device [Max] | 20 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   | ✓                        |
| Counting resolution (laboratory conditions)               | 30.000                   |

| Category         |                                |
|------------------|--------------------------------|
| Brand            | KERN                           |
| Product category | Industrial scale               |
| Product group    | Stainless steel platform scale |
| Product family   | SXC                            |

| Measuring System               |                                      |
|--------------------------------|--------------------------------------|
| Construction type of the scale | Single-range balance                 |
| Weighing system                | Strain gauge                         |
| Number of weighing ranges      | 1                                    |
| Weighing capacity [Max]        | 150 kg                               |
| Readability [d]                | 0,01 kg                              |
| Reproducibility                | 0,01 kg                              |
| Linearity                      | ± 0,03 kg                            |
| Resolution                     | 15.000                               |
| Adjustment options             | Adjusting with external weight       |
| Recommended adjusting weight   | 150 kg (M1)                          |
| Possible calibration points    | 150 kg                               |
| Stabilization time             | 3 s                                  |
| Warm-up time                   | 30 min                               |
| Eccentric loading at 1/3 [Max] | 0,05 kg                              |
| Maximum creep (15 minutes)     | 40 g                                 |
| Maximum creep (30 minutes)     | 80 g                                 |
| Default unit                   | kg                                   |
| Units                          | kg<br>g<br>lb<br>ffa<br>PCS<br>%     |
| Loadcell type                  | stainless steel IP68<br>encapsulated |
| Load cell connection           | 6-wire                               |

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|   |   |
|---|---|
| Counting reference weight can be entered                          | ✓                                       |
| Smallest piece weight when piece counting - laboratory conditions | 5 g                                     |
| Smallest piece weight when piece counting - normal conditions     | 50 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   | IP68                                    |
| 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                                  |
| Auto-off interval(s) in mains power mode                          | 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)           |             |
|            | EasyTouch (ET) - Compatibility           | vollständig |
|            | EasyTouch (ET) - Connection type         | KUM         |

## 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      |

|   |                                   |
|---|-----------------------------------|
| 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 (factory) |

## 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 | 961-249 |
| Article number for DAkKS calibration                          | 963-129 |
| Article number for certificate of conformity (verification)   | 969-517 |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 930×555×225 mm |
| Net weight                   | 11,7 kg        |
| Shipping method              | Parcel service |
| Net weight approx.           | 12 kg          |
| Gross weight approx.         | 15 kg          |
| Shipping weight              | 23,2 kg        |

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## Pictograms

### STANDARD



### OPTION



### FACTORY

