

# KERN SXC 30K-3LM



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



## Category

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

## Measuring System

|                                          |                                   |
|------------------------------------------|-----------------------------------|
| Construction type of the scale           | Multi-range balance               |
| Weighing system                          | Strain gauge                      |
| Number of weighing ranges                | 2                                 |
| Weighing capacity [Max]                  | 15 kg; 30 kg                      |
| Readability [d]                          | 0,005 kg; 0,01 kg                 |
| Reproducibility                          | 0,005 kg; 0,01 kg                 |
| Linearity                                | ± 0,005 kg; 0,01 kg               |
| Minimum weight [Min]                     | 0,1 kg; 0,2 kg                    |
| Resolution                               | 3.000, 3.000                      |
| Adjustment options                       | Adjusting with external weight    |
| Recommended adjusting weight             | 30 kg (M1)                        |
| Stabilization time                       | 3 s                               |
| Warm-up time                             | 10 min; 10 min                    |
| Eccentric loading at 1/3 [Max]           | 0,005 kg; 0,01 kg                 |
| Default unit                             | kg                                |
| Units                                    | kg                                |
|                                          | g                                 |
|                                          | ffa                               |
|                                          | PCS                               |
|                                          | %                                 |
| Units (if device is conformity assessed) | kg                                |
|                                          | g                                 |
| Conformity assessment possible           | ✓                                 |
| Loadcell type                            | stainless steel IP68 encapsulated |
| Load cell connection                     | 6-wire                            |

## 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            |
|                                 | Symbol language    |

## Construction

|                                           |                  |
|-------------------------------------------|------------------|
| Dimension display device (W×D×H)          | 232×150×77,3 mm  |
| Dimensions weighing surface (W×D)         | 500×400 mm       |
| Dimensions weighing surface               | 500×400 mm       |
| Dimensions weighing platform (W×D×H)      | 500×400×120 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                                | ✓                |
| Transport safety lock - bolt torque       | 0,1 Nm           |
| 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                                         | ✓                        |

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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                                     |
| Smallest piece weight when piece counting - normal conditions     | 10 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                                  |
|                                                                   | 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                                 | ✓                 |
| Conformity assessment possible ex works | ✓                 |
| Accuracy classe                         | III               |
| Verification scale interval [e]         | 0,005 kg; 0,01 kg |

## Services (optional)

|                                                               |         |
|---------------------------------------------------------------|---------|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for conformity assessment                      | 965-228 |
| Article number for DAkkS calibration                          | 963-128 |
| Article number for certificate of conformity (verification)   | 969-517 |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 555×930×220 mm |
| Net weight                   | 11,58 kg       |
| Shipping method              | Parcel service |
| Net weight approx.           | 12 kg          |
| Gross weight approx.         | 15 kg          |
| Shipping weight              | 22,7 kg        |

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## Pictograms

### STANDARD



### OPTION



### FACTORY

