

# KERN SXC 30K-3LM-EX2



Robust and safe: Stainless steel platform scale with IP protection for hazardous areas, as an option with external rechargeable battery pack and verification



Date of creation: 04.10.2026

## Category

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

## Measuring System

|                                          |                                   |
|------------------------------------------|-----------------------------------|
| Weighing system                          | Strain gauge                      |
| Number of weighing ranges                | 2                                 |
| Weighing capacity [Max]                  | 15 kg; 30 kg                      |
| Readability [d]                          | 5 g; 10 g                         |
| Reproducibility                          | 5 g; 10 g                         |
| Linearity                                | ± 5 g; 10 g                       |
| Minimum weight [Min] (verifiable)        | 100 g; 200 g                      |
| Resolution                               | 3.000, 3.000                      |
| Adjustment options                       | Adjusting with external weight    |
| Recommended adjusting weight             | 30 kg (M1)                        |
| Possible calibration points              | 15 kg; 30 kg                      |
| Stabilization time                       | 3 s                               |
| Eccentric loading at 1/3 [Max]           | 5 g; 10 g                         |
| Conformity assessment possible           | ✓                                 |
| Construction type of the scale           | Multi-range balance               |
| Units (if device is conformity assessed) | kg<br>g                           |
| Load cell connection                     | 6-wire                            |
| Default unit                             | kg                                |
| Loadcell type                            | stainless steel IP68 encapsulated |
| Warm-up time                             | 10 min; 10 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)    | 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 steel   |
| 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                                      | IP68, IP69K                                      |
| 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 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 conformity assessment                      | 965-228 |
| 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) | 930×555×225 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 13 kg          |
| Gross weight approx.         | 16 kg          |
| Shipping weight              | 23,2 kg        |
| Shipping volume weight       | 23,2 kg        |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761489158            |
| Trade number         | 84238129                 |
| Warranty Time        | 36 mon                   |
| REACH classification | no prohibited substances |

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## Pictograms

### STANDARD



### OPTION



### FACTORY

