

# KERN SXC 60K-2M

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



|                                 |                            |
|---------------------------------|----------------------------|
| 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)         | 400×300 mm       |
| Dimensions weighing surface               | 400×300 mm       |
| Dimensions weighing platform (W×D×H)      | 400×300×123 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                                | ✓                |
| Cable length                              | 3 m              |
| 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                   |
| Counting reference weight can be entered                  | ✓                        |

## 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]                  | 30 kg; 60 kg                      |
| Readability [d]                          | 0,01 kg; 0,02 kg                  |
| Reproducibility                          | 0,01 kg; 0,02 kg                  |
| Linearity                                | ± 0,01 kg; 0,02 kg                |
| Minimum weight [Min]                     | 0,2 kg; 0,4 kg                    |
| Resolution                               | 3.000, 3.000                      |
| Adjustment options                       | Adjusting with external weight    |
| Recommended adjusting weight             | 60 kg (M1)                        |
| Stabilization time                       | 3 s                               |
| Warm-up time                             | 10 min; 10 min                    |
| Eccentric loading at 1/3 [Max]           | 0,01 kg; 0,02 kg                  |
| Default unit                             | kg                                |
| Units                                    | kg                                |
| Units (if device is conformity assessed) | kg<br>g                           |
| Conformity assessment possible           | ✓                                 |
| Loadcell type                            | stainless steel IP68 encapsulated |
| Load cell connection                     | 6-wire                            |

## Display

|              |                    |
|--------------|--------------------|
| Display type | LCD                |
| Display type | LCD with backlight |

# KERN SXC 60K-2M



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

|   |   |
|---|---|
| Smallest piece weight when piece counting - laboratory conditions | 2 g                                     |
| Smallest piece weight when piece counting - normal conditions     | 20 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                          | 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]         | 0,01 kg; 0,02 kg |

## Services (optional)

|   |         |
|---|---------|
| Article number for adjustment at the location of installation | 961-249 |
| Article number for conformity assessment                      | 965-229 |
| 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) | 800×465×230 mm |
| Net weight                   | 10,51 kg       |
| Shipping method              | Parcel service |
| Net weight approx.           | 11 kg          |
| Gross weight approx.         | 13 kg          |
| Shipping weight              | 17,1 kg        |

# KERN SXC 60K-2M



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

## Pictograms

### STANDARD



### OPTION



### FACTORY

