

# KERN SXS 10K-3LM

**KERN**

Stainless steel platform scale with stainless steel IP68 display



## Category

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

## Measuring System

|                                          |                                                 |
|------------------------------------------|-------------------------------------------------|
| Weighing system                          | Strain gauge                                    |
| Weighing capacity [Max]                  | 6 kg; 15 kg                                     |
| Readability [d]                          | 0,002 kg; 0,005 kg                              |
| Reproducibility                          | 0,002 kg; 0,005 kg                              |
| Linearity                                | ± 0,002 kg; 0,005 kg                            |
| Minimum weight [Min]                     | 0,04 kg; 0,1 kg                                 |
| Resolution                               | 3.000, 3.000                                    |
| Tare range                               | -15 kg                                          |
| Adjustment options                       | Adjusting with external weight                  |
| Recommended adjusting weight             | 15 kg (M1)                                      |
| Stabilization time                       | 2 s                                             |
| Warm-up time                             | 10 min; 10 min                                  |
| Eccentric loading at 1/3 [Max]           | 0,002 kg; 0,005 kg                              |
| Load cell connection                     | 6-wire                                          |
| Units (if device is conformity assessed) | kg<br>g                                         |
| Construction type of the scale           | Multi-range balance                             |
| Units                                    | kg                                              |
| Maximum creep (15 minutes)               | 20 g                                            |
| Maximum creep (30 minutes)               | 40 g                                            |
| Default unit                             | kg                                              |
| Loadcell type                            | stainless steel<br>hermetically<br>encapsulated |

## Display

|                      |                    |
|----------------------|--------------------|
| Display type         | LCD                |
| Display type         | LCD with backlight |
| Display backlight    | ✓                  |
| Display segments     | 6                  |
| Display digit height | 55 mm              |

## Construction

|                                           |                 |
|-------------------------------------------|-----------------|
| Dimension display device (W×D×H)          | 232×150×78 mm   |
| Dimensions weighing surface (W×D)         | 400×300 mm      |
| Dimensions weighing surface               | 400×300 mm      |
| Dimensions weighing platform (W×D×H)      | 400×300×89 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               | 2,5 m           |
| Allowed cable length display device [Max] | 20 m            |
| Platform Construction                     | Single-Cell     |

## Functions

|                                                                   |                      |
|-------------------------------------------------------------------|----------------------|
| PreTare function                                                  | ✓                    |
| Recipe/summing level                                              | Sum A                |
| Wireless operation                                                | no                   |
| Tolerance weighing                                                | ✓                    |
| Tolerance weighing - type of signal                               | visual               |
| Function for averaging under unstable weighing conditions         | ✓                    |
| Counting function                                                 | ✓                    |
| Counting resolution (laboratory conditions)                       | 30.000               |
| Smallest piece weight when piece counting - laboratory conditions | 500 mg               |
| Smallest piece weight when piece counting - normal conditions     | 5 g                  |
| Reference quantity                                                | 10, 20, 50, 100, 200 |
| Hold function                                                     | ✓                    |
| IP protection - complete device                                   | -                    |
| IP protection - display                                           | IP68                 |
| IP protection - platform                                          | no IP protection     |
| IP protection - load cell                                         | IP68                 |

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|                                                                |                |
|----------------------------------------------------------------|----------------|
| Peak function                                                  | ✓              |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 1 - 9 min      |
| Auto-off interval(s) in mains power mode                       | 1 - 9 min      |
| Tare function                                                  | manual (multi) |
| Number of keys for operation                                   | 7              |

## Interface

|            |                                                                                           |
|------------|-------------------------------------------------------------------------------------------|
| Interfaces | RS-232 (optional, factory)<br>Bluetooth (optional, factory)<br>RS-485 (optional, factory) |
|------------|-------------------------------------------------------------------------------------------|

## Power Supply

|                                                                           |                                            |
|---------------------------------------------------------------------------|--------------------------------------------|
| Supplied power supply                                                     | Power supply unit                          |
| Power supply type                                                         | Built-in power supply                      |
| Plug-in power supply / adapter for countries - included with the delivery | EURO                                       |
| Plug-in power supply / adapter for countries - optional                   | UK<br>CH                                   |
| Input voltage power supply / power [Max]                                  | 220 V - 240 V AC, 50 Hz                    |
| Power supply cable removable                                              | fixed connection                           |
| Input voltage device / power [Max]                                        | ~220 V - 240 V AC; 50 Hz                   |
| Power socket for mains adapter                                            | Protective contact plug                    |
| Battery / accumulator type                                                | Pb                                         |
| Battery connection                                                        | Plug-in terminals                          |
| Rechargeable battery                                                      | 6 V, 4.5 Ah                                |
| Rechargeable battery operating time - backlight on                        | 40 h                                       |
| Rechargeable battery operating time - backlight off                       | 80 h                                       |
| Rechargeable battery charging time                                        | 12 h                                       |
| Rechargeable battery optional                                             | Rchrg. battery optional (factory)          |
| Battery/Accu connected                                                    | fixed electrical connection, not insulated |

## 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 | 961-248 |
| Article number for DAkkS calibration                          | 963-128 |
| Article number for certificate of conformity                  | 969-517 |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 500×635×215 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 10 kg          |
| Gross weight approx.         | 12 kg          |
| Shipping weight              | 13,7 kg        |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761206472            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION



### FACTORY

