# KERN **SXC 300K-2**

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



**Date of creation: 25.10.2026**

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

| Measuring System | |
|---|---|
| Weighing system | Strain gauge |
| Number of weighing ranges | 1 |
| Weighing capacity [Max] | 300 kg |
| Readability [d] | 0,02 kg |
| Reproducibility | 0,02 kg |
| Linearity | ± 0,06 kg |
| Resolution | 15.000 |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 300 kg (M1) |
| Stabilization time | 3 s |
| Eccentric loading at 1/3 [Max] | 0,1 kg |
| Construction type of the scale | Single-range balance |
| Units | kg<br>g<br>lb<br>ffa<br>PCS<br>% |
| Load cell connection | 6-wire |
| Maximum creep (15 minutes) | 80 g |
| Maximum creep (30 minutes) | 160 g |
| Default unit | kg |
| Loadcell type | stainless steel IP68 encapsulated |
| Warm-up time | 30 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) | 232×150×77,3 mm |
| Dimensions weighing surface (W×D) | 650×500 mm |
| Dimensions weighing surface | 650×500 mm |
| Dimensions weighing platform (W×D×H) | 650×500×139 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 | ✓ |
| 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 | |
|---|---|
| IP protection - complete device | - |
| IP protection - display | IP68 |
| IP protection - platform | no IP protection |
| IP protection - load cell | IP68, IP69K |
| PreTare function | ✓ |
| Percentage determination | ✓ |
| Function for averaging under unstable weighing conditions | ✓ |
| Tolerance weighing | ✓ |
| Counting function | ✓ |

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| | |
|---|---|
| Auto-off interval(s) in battery mode/rechargeable battery mode | 5 min<br>2 min<br>1 min<br>30 min<br>60 min<br>30 sec |
| Auto-off interval(s) in mains power mode | off |
| Tare function | manual (multi) |
| Counting resolution (laboratory conditions) | 15.000 |
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 20 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 | 200 g |
| Tolerance weighing - type of signal | acoustically<br>visual |

## Interface

| | |
|---|---|
| Interfaces | RS-232 (optional, factory)<br>Ethernet (optional, factory)<br>WiFi (optional, factory)<br>Alibi memory (optional, factory)<br>analogue (0 - 10 V) (optional, factory)<br>analogue (4 - 20 mA) (optional, factory)<br>Bluetooth BLE (v4.0) (optional, factory)<br>USB-Device (optional, factory) |
| compatible with EasyTouch | ✓ |

## 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 |
| Input voltage power supply / power [Max] | 110 V - 240 V AC |
| Power supply cable removable | fixed connection |
| Power socket for mains adapter | Cable permanently installed |
| 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 - intern |

## Environmental conditions

| | |
|---|---|
| Ambient temperature [Min] | -10 °C |
| Ambient temperature [Max] | 40 °C |
| Humity of environment [Min] | 0 % |
| Humity of environment [Max] | 80 % |

## 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 | 969-517 |

## Packing & Shipping

| | |
|---|---|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 1050×675×250 mm |
| Shipping method | Parcel service |
| Net weight approx. | 20 kg |
| Gross weight approx. | 26 kg |
| Shipping weight | 35,4 kg |
| Shipping volume weight | 35,4 kg |

## Product information

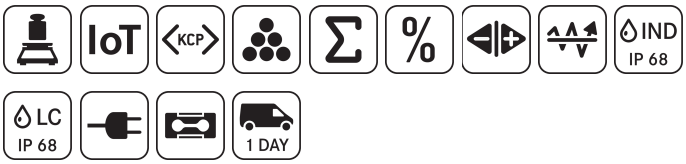
| | |
|---|---|
| GTIN/EAN number | 4045761503205 |
| Trade number | 84238220 |
| Warranty Time | 36 mon |
| REACH classification | no prohibited substances |

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## Pictograms

### STANDARD




### OPTION




### FACTORY

