

KERN SXC 100K-2

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



Approval

| | |
|---------|---|
| CE mark | ✓ |
|---------|---|

Display

| | |
|---------------------------------|----------------------------|
| Display type | LCD |
| Display type | LCD with backlight |
| Display screen size | 160×60 mm |
| Display backlight | ✓ |
| Display digit height | 48 mm |
| Languages of the user interface | English Symbol language |

Construction

| | |
|---|------------------|
| Dimension display device (W×D×H) | 232×150×80 mm |
| Dimensions weighing platform (W×D×H) | 500×400×126 mm |
| Material display housing | stainless steel |
| Material weighing plate | stainless steel |
| Material platform | Stainless steel |
| Dimensions weighing surface (W×D) | 500×400 mm |
| Display device cable length | 3 m |
| Allowed cable length display device [Max] | 20 m |
| Material load cell(s) | Stainless steels |
| Load cells - number | 1 |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |

Functions

| | |
|--|---|
| Number of keys for operation | 7 |
| Auto-off interval(s) in mains power mode | off |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 5 min 2 min 1 min 30 min 60 min 30 sec |
| Capacity - Display | ✓ |
| PreTare function | ✓ |
| Tare function | manual (multi) |
| Hold function | ✓ |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |

Category

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

Measuring System

| | |
|--------------------------------|----------------------|
| Construction type of the scale | Single-range balance |
| Number of weighing ranges | 1 |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 150 kg |
| Readability [d] | 0,01 kg |
| Resolution | 15.000 |
| Linearity | ± 0,03 kg |
| Reproducibility | 0,01 kg |
| Default unit | kg |

| | |
|-------|-----|
| Units | kg |
| | g |
| | lb |
| | ffa |
| | PCS |
| | % |

| | |
|--------------------------------|-----------------------------------|
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 150 kg (M1) |
| Possible calibration points | 150 kg |
| Stabilization time | 3 s |
| Warm-up time | 30 min |
| Eccentric loading at 1/3 [Max] | 0,05 kg |
| Maximum creep (15 minutes) | 40 g |
| Maximum creep (30 minutes) | 80 g |
| Loadcell type | stainless steel IP68 encapsulated |
| Load cell connection | 6-wire |

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| | |
|---|--------------------------|
| Function for averaging under unstable weighing conditions | ✓ |
| Recipe/summing level | Sum A |
| Sum memory function | ✓ |
| Alibi memory | optional internal memory |
| Alibi memory - number of memory spaces | 250.000 |

| | |
|--------------------------------|--|
| 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) | |

| | |
|---------------------------------|------------------|
| IP protection - complete device | - |
| IP protection - display | IP68 |
| IP protection - load cell | IP68 |
| IP protection - platform | no IP protection |

Counting

| | |
|---|------|
| Smallest piece weight when piece counting - laboratory conditions | 5 g |
| Smallest piece weight when piece counting - normal conditions | 50 g |
| Counting reference weight can be entered | ✓ |

| | |
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| Reference quantity | 5, 10, 20, 50, n (any number of pieces) |
|--------------------|---|

| | |
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| Counting resolution (laboratory conditions) | 30.000 |
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Power Supply

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| Input voltage power supply / power [Max] | 110 V - 240 V AC |
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| Plug-in power supply type | Built-in power supply |
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|-----------------------|-------------------|
| Supplied power supply | Power supply unit |
|-----------------------|-------------------|

| | |
|---|------|
| Plug-in power supply / adapter for countries - included with the delivery | EURO |
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| Rechargeable battery optional | Rchrg. battery optional - intern |
|-------------------------------|----------------------------------|

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| Rechargeable battery charging time | 8 h |
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| Rechargeable battery operating time - backlight on | 20 h |
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|---|------|
| Rechargeable battery operating time - backlight off | 48 h |
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|---------|------------|
| Battery | no battery |
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| Battery / accumulator type | Li-Ion |
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Environmental conditions

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

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|---------------------------|-------|
| Ambient temperature [Max] | 40 °C |
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Packing & Shipping

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| Readability force [d] (N) | 1 d |
|---------------------------|-----|

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| Dimensions packaging (W×D×H) | 930×555×225 mm |
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| Net weight | 22,3 kg |
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| Shipping method | Parcel service |
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| Net weight approx. | 24 kg |
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| Gross weight approx. | 26 kg |
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| Shipping weight | 24,4 kg |
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Services (optional)

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| Article number for adjustment at the location of installation | 961-249 |
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| Article number for DAkkS calibration | 963-129 |
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| Article number for certificate of conformity (verification) | 969-517 |
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Pictograms

STANDARD



OPTION



FACTORY

