

KERN EOC 100K-2XXL



Robust and high-resolution platform scale with practical Flip/Flop display device for greatest ease of use



Display

| | |
|---------------------------------------|-----------|
| Display type | LCD |
| Display type | LCD |
| Display screen size | 110×35 mm |
| Display backlight | ✓ |
| Display digit height - smallest digit | 25 mm |
| Display digit height | 25 mm |

Construction

| | |
|--------------------------------------|-----------------|
| Dimension display device (W×D×H) | 268×115×80 mm |
| Dimensions weighing platform (W×D×H) | 950×500×60 mm |
| Material display housing | Plastics |
| Material weighing plate | stainless steel |
| Material platform | mild steel |
| Dimensions weighing surface (W×D) | 950×500 mm |
| Display device cable length | 2,7 m |
| Material load cell(s) | aluminium |
| Load cells - number | 4 |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |
| Stand height | 330 mm |
| Stand inclinable | ✓ |

Functions

| | |
|--|---|
| Number of keys for operation | 7 |
| Auto-off interval(s) in mains power mode | 3 min off 5 min 30 min 15 min |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min off 5 min 30 min 15 min |
| Tare function | manual (single & multi) |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Function for averaging under unstable weighing conditions | ✓ |
| Recipe/summing level | Sum A |
| Sum memory function | ✓ |
| Interfaces | RS-232 standard |

Category

| | |
|------------------|------------------|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Platform scale |
| Product family | EOC |

Measuring System

| | |
|--------------------------------|--------------------------------|
| Construction type of the scale | Multi-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 60 kg; 150 kg |
| Readability [d] | 0,02 kg; 0,05 kg |
| Resolution | 3.000, 3.000 |
| Linearity | ± 0,06 kg; 0,15 kg |
| Linearisation in dots | 3 |
| Reproducibility | 0,02 kg; 0,05 kg |
| Tare range | 150 kg |
| Default unit | kg |
| Units | kg g lb oz PCS |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 150 kg (M1) |
| Stabilization time | 2 s |
| Warm-up time | 10 min |
| Eccentric loading at 1/3 [Max] | 0,1 kg; 0,25 kg |
| Maximum creep (15 minutes) | 200 g |
| Maximum creep (30 minutes) | 400 g |
| Load cell connection | 4-wire |

Approval

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

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| | |
|---------------------------------|------------------|
| IP protection - complete device | - |
| IP protection - display | no IP protection |
| IP protection - load cell | IP65 |
| IP protection - platform | IP65 |

Counting

| | |
|---|----------------------|
| Smallest piece weight when piece counting - laboratory conditions | 10 g |
| Smallest piece weight when piece counting - normal conditions | 100 g |
| Reference quantity | 10, 20, 50, 100, 200 |
| Counting resolution (laboratory conditions) | 15.000 |

Power Supply

| | |
|---|----------------------------------|
| Input voltage power supply / power [Max] | 100 V-240 V, 0.4 A |
| Input voltage device / power [Max] | 12 V, 1000 mA |
| Plug-in power supply type | Power adapter |
| Supplied power supply | Power supply unit |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK CH |
| Rechargeable battery optional | Rchrg. battery optional - intern |
| Rechargeable battery charging time | 3 h |
| Rechargeable battery operating time - backlight on | 26 h |
| Rechargeable battery operating time - backlight off | 43 h |
| Battery / accumulator type | Pb |
| Battery operating time | 100 h |

Environmental conditions

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

Packing & Shipping

| | |
|------------------------------|-----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 1015×582×185 mm |
| Net weight | 16,2 kg |
| Shipping method | Parcel service |
| Net weight approx. | 17 kg |
| Gross weight approx. | 20 kg |
| Shipping weight | 21,9 kg |

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 (verification) | 969-517 |

Pictograms

STANDARD



OPTION

