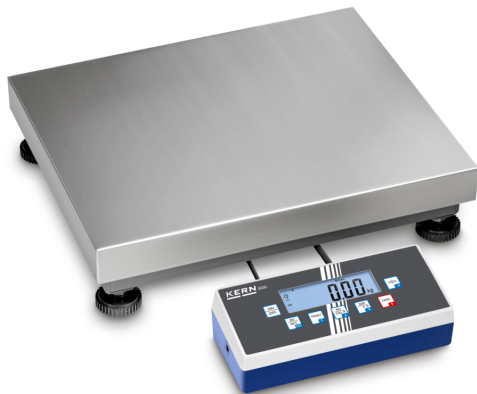


KERN EOC 100K-3L

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



| | |
|---------------------------------------|-----------|
| Display backlight | ✓ |
| Display screen size | 110×35 mm |
| Display segments | 6 |
| Display digit height - smallest digit | 25 mm |
| Display digit height | 25 mm |

Construction

| | |
|---------------------------------------|-----------------|
| Dimensions completely mounted (W×D×H) | 260×110×120 mm |
| Dimension display device (W×D×H) | 268×115×80 mm |
| Dimensions weighing surface (W×D) | 500×400 mm |
| Dimensions weighing surface | 500×400 mm |
| Dimensions weighing platform (W×D×H) | 500×400×120 mm |
| Material weighing plate | stainless steel |
| Material platform | mild steel |
| Material display housing | plastic |
| Material load cell(s) | aluminium |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |
| Stand height | 330 mm |
| Stand inclinable | ✓ |
| Wall mount | ✓ |
| Display device cable length | 3 m |
| Load cells - number | 1 |

Functions

| | |
|---|----------------------|
| Sum memory function | ✓ |
| Recipe/summing level | Sum A |
| Percentage determination | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Function for averaging under unstable weighing conditions | ✓ |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 30.000 |
| Smallest piece weight when piece counting - laboratory conditions | 5 g |
| Smallest piece weight when piece counting - normal conditions | 50 g |
| Reference quantity | 10, 20, 50, 100, 200 |
| IP protection - complete device | - |
| IP protection - display | no IP protection |
| IP protection - platform | IP65 |
| IP protection - load cell | IP65 |

Category

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

Measuring System

| | |
|--------------------------------|--------------------------------|
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 60 kg; 150 kg |
| Readability [d] | 0,002 kg; 0,005 kg |
| Reproducibility | 0,002 kg; 0,005 kg |
| Linearity | ± 0,006 kg; 0,015 kg |
| Resolution | 30.000, 30.000 |
| Tare range | 150 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 150 kg (F2) |
| Stabilization time | 3 s |
| Linearisation in dots | 3 |
| Eccentric loading at 1/3 [Max] | 0,01 kg; 0,025 kg |
| Load cell connection | 4-wire |
| Construction type of the scale | Multi-range balance |
| Units | kg lb oz PCS |
| Maximum creep (15 minutes) | 20 g |
| Maximum creep (30 minutes) | 40 g |
| Default unit | kg |
| Loadcell type | aluminium IP65 silicone-coated |

Display

| | |
|--------------|-----|
| Display type | LCD |
| Display type | LCD |

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| | |
|--|---|
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min off 5 min 30 min 15 min |
| Auto-off interval(s) in mains power mode | 3 min off 5 min 30 min 15 min |
| Tare function | manual (single & multi) |
| Number of keys for operation | 7 |

| Interface | |
|------------|-----------------|
| Interfaces | RS-232 standard |

| Power Supply | |
|---|--|
| Supplied power supply | Power supply unit |
| Power supply type | Power adapter |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK CH |
| Input voltage power supply / power [Max] | 100 V-240 V, 0.4 A |
| Input voltage device / power [Max] | 12 V, 1000 mA |
| Power socket for mains adapter | Inside plus, outside minus |
| Battery / accumulator type | Pb |
| Battery operating time | 100 h |
| Rechargeable battery | 6 V; 1.3 Ah |
| Rechargeable battery operating time - backlight on | 26 h |
| Rechargeable battery operating time - backlight off | 43 h |
| Rechargeable battery charging time | 3 h |
| Rechargeable battery optional | Rchrg. battery optional - intern |
| 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 | 961-249 |
| 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) | 885×490×170 mm |
| Shipping method | Parcel service |
| Net weight approx. | 9 kg |
| Gross weight approx. | 13 kg |
| Shipping weight | 14,7 kg |

| Product information | |
|----------------------|--------------------------|
| GTIN/EAN number | 4045761192263 |
| Trade number | 84238220 |
| REACH classification | no prohibited substances |

Pictograms

STANDARD



OPTION

