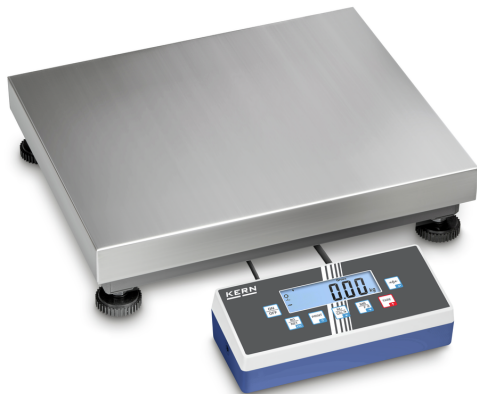


KERN IOC 30K-4

High-resolution allround platform scale with a wide range of communication options



Category

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

Measuring System

| | |
|--------------------------------|-----------------------|
| Construction type of the scale | Multi-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 15 kg; 30 kg |
| Readability [d] | 0,0005 kg; 0,001 kg |
| Resolution | 30.000, 30.000 |
| Linearity | ± 0,0015 kg; 0,003 kg |
| Linearisation in dots | 3 |
| Reproducibility | 0,0005 kg; 0,001 kg |
| Default unit | kg |

| | |
|-------|-----|
| Units | kg |
| | g |
| | lb |
| | oz |
| | PCS |
| | tj |
| | HJ |

| | |
|--------------------------------|--------------------------------|
| Minimum weight [Min] | 0,1 kg; 0,2 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 30 kg (M1) |
| Stabilization time | 2 s |
| Warm-up time | 120 min; 120 min |
| Eccentric loading at 1/3 [Max] | 0,0025 kg; 0,005 kg |
| Maximum creep (15 minutes) | 4 g |
| Maximum creep (30 minutes) | 8 g |
| Loadcell type | aluminium IP65 silicone-coated |
| Load cell connection | 4-wire |

Approval

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

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 |
| Languages of the user interface | Symbol language |

Construction

| | |
|--------------------------------------|-----------------|
| Dimension display device (W×D×H) | 268×115×80 mm |
| Dimensions weighing platform (W×D×H) | 400×300×110 mm |
| Material display housing | Plastics |
| Material weighing plate | stainless steel |
| Material platform | mild steel |
| Dimensions weighing surface (W×D) | 400×300 mm |
| Display device cable length | 3 m |
| Material load cell(s) | aluminium |
| Load cells - number | 1 |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |
| Stand inclinable | ✓ |

Functions

| | |
|--|---------------------|
| Number of keys for operation | 7 |
| Auto-off interval(s) in mains power mode | 3 min |
| | off |
| | 5 min |
| | 30 min |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 15 min |
| | 3 min |
| | off |
| | 5 min |
| PreTare function | 30 min |
| | 15 min |
| Tare function | ✓ |
| Tare function | manual (multi) |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |

KERN IOC 30K-4



High-resolution allround platform scale with a wide range of communication options

| | | |
|---|--|------|
| Function for averaging under unstable weighing conditions | ✓ | |
| Recipe/summing level | Sum A | |
| Alibi memory | optional internal memory | |
| Alibi memory - number of memory spaces | 250.000 | |
| Interfaces | RS-232 standard | |
| | Ethernet (optional, factory) | |
| | USB (optional, factory) | |
| | WiFi (optional, factory) | |
| | Alibi memory (optional, factory) | |
| | USB-Host/Master (optional, factory) | |
| | Verification plug (optional, factory) | |
| | Bluetooth BLE (v4.0) (optional, factory) | |
| | IP protection - complete device | IP65 |
| | IP protection - display | IP65 |
| IP protection - load cell | IP65 | |
| IP protection - platform | IP65 | |

| Counting | |
|---|----------------------|
| Smallest piece weight when piece counting - laboratory conditions | 1 g |
| Smallest piece weight when piece counting - normal conditions | 10 g |
| Reference quantity | 10, 20, 50, 100, 200 |
| Counting resolution (laboratory conditions) | 30.000 |

| Power Supply | |
|---|-------------------------------------|
| Input voltage power supply / power [Max] | 100 V - 240 V AC 50/60 Hz 0.4 A max |
| Input voltage device / power [Max] | 12 V DC, 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 |
| | US |
| | CH |
| Plug-in power supply / adapter for countries - optional | EURO |
| | AUS |
| | UK |
| | US |
| Rechargeable battery optional | Rchrg. battery optional |
| Rechargeable battery charging time | 3 h |

| | |
|---|------------|
| Rechargeable battery operating time - backlight on | 26 h |
| Rechargeable battery operating time - backlight off | 43 h |
| Battery | no battery |
| 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) | 810×360×185 mm |
| Net weight | 7,4 kg |
| Shipping method | Parcel service |
| Net weight approx. | 8 kg |
| Gross weight approx. | 9 kg |
| Shipping weight | 10,8 kg |

| 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 (verification) | 969-517 |

KERN IOC 30K-4



High-resolution allround platform scale with a wide range of communication options

Pictograms

STANDARD



OPTION



FACTORY

