

KERN IFC 60K10DM



Robust industrial scales with up to three interfaces, also with optional verification



Approval

| | |
|--|------------------|
| CE mark | ✓ |
| Pattern approval for conformity assessment | ✓ |
| Accuracy classe | III |
| Verification scale interval [e] | 0,01 kg; 0,02 kg |
| Conformity assessment possible ex works | ✓ |

Display

| | |
|---------------------------------|----------------------------|
| Display type | LCD |
| Display type | LCD with backlight |
| Display screen size | 160×60 mm |
| Display backlight | ✓ |
| Display digit height | 50 mm |
| Languages of the user interface | English Symbol language |

Construction

| | |
|---|------------------|
| Dimension display device (W×D×H) | 220×145×65 mm |
| Dimensions weighing platform (W×D×H) | 400×300×114 mm |
| Material display housing | Plastics |
| Material weighing plate | stainless steel |
| Material platform | steel, varnished |
| Dimensions weighing surface (W×D) | 400×300 mm |
| Display device cable length | 3 m |
| Allowed cable length display device [Max] | 3 m |
| Material load cell(s) | aluminium |
| Load cells - number | 1 |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |
| Stand rotatable | no |
| Stand inclinable | no |

Functions

| | |
|--|--------|
| Number of keys for operation | 7 |
| Auto-off interval(s) in mains power mode | off |
| | 5 min |
| | 2 min |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 1 min |
| | 30 min |
| | 60 min |
| | 30 sec |
| Capacity display | ✓ |

Category

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

Measuring System

| | |
|--|--------------------------------|
| Conformity assessment possible | ✓ |
| Construction type of the scale | Multi-range balance |
| Number of weighing ranges | 2 |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 30 kg; 60 kg |
| Readability [d] | 0,01 kg; 0,02 kg |
| Resolution | 3.000, 3.000 |
| Linearity | ± 0,01 kg; 0,02 kg |
| Reproducibility | 0,01 kg; 0,02 kg |
| Default unit | kg |
| Units | kg |
| Units (if device is conformity assessed) | kg g |
| Minimum weight [Min] | 0,2 kg; 0,4 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 60 kg (M1) |
| Possible calibration points | 20 kg; 40 kg; 60 kg |
| Stabilization time | 3 s |
| Warm-up time | 10 min; 10 min |
| Eccentric loading at 1/3 [Max] | 0,05 kg; 0,1 kg |
| Loadcell type | aluminium IP65 silicone-coated |
| Load cell connection | 4-wire |

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| | |
|---|---|
| PreTare function | ✓ |
| Tare function | manual (multi) |
| Hold function | ✓ |
| 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 | ✓ |
| Alibi memory | optional internal memory |
| Alibi memory - number of memory spaces | 250.000 |
| Interfaces | RS-232 (optional) Ethernet (optional) Alibi memory (optional, factory) analogue (0 - 10 V) (optional) analogue (4 - 20 mA) (optional) Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional) |
| IP protection - complete device | - |
| IP protection - display | no IP protection |
| IP protection - load cell | IP65 |
| IP protection - platform | no IP protection |

Counting

| | |
|---|---|
| Smallest piece weight when piece counting - laboratory conditions | 1 g |
| Smallest piece weight when piece counting - normal conditions | 10 g |
| Counting reference weight can be entered | ✓ |
| Reference quantity | 5, 10, 20, 50, n (any number of pieces) |
| Counting resolution (laboratory conditions) | 60.000 |

Power Supply

| | |
|--|---------------------------|
| Input voltage power supply / power [Max] | 100 V - 240 V, 50 / 60 Hz |
| Input voltage device / power [Max] | 5,9V, 1A |
| 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 UK US CH |
| Rechargeable battery optional | Rchrg. battery optional - intern |
| Rechargeable battery charging time | 8 h |
| Rechargeable battery operating time - backlight on | 20 h |
| Rechargeable battery operating time - backlight off | 48 h |
| Battery | no battery |
| Battery / accumulator type | Li-Ion |

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) | 470×805×230 mm |
| Net weight | 7,5 kg |
| Shipping method | Parcel service |
| Net weight approx. | 8 kg |
| Gross weight approx. | 12 kg |
| Shipping weight | 17,4 kg |

Services (optional)

| | |
|---|---------|
| Article number for adjustment at the location of installation | 961-249 |
| Article number for conformity assessment | 965-229 |
| Article number for DAkkS calibration | 963-129 |
| Article number for certificate of conformity (verification) | 969-517 |

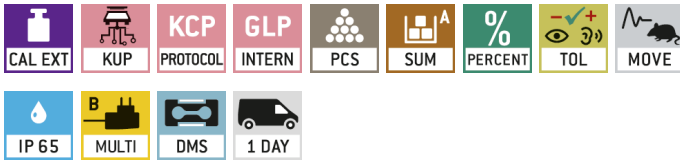
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Pictograms

STANDARD



OPTION



FACTORY

