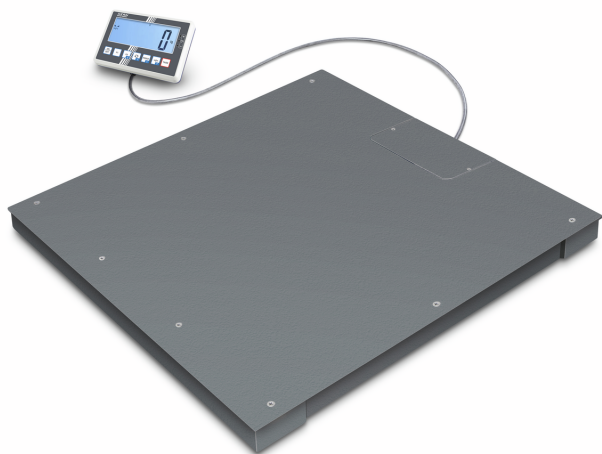


KERN BFC 3T-3M

KERN

Floor scale with screwed-on weighing plate (IP67), verification optional



| Category | |
|------------------|------------------|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Floor scale |
| Product family | BFC |

| Measuring System | |
|--|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Number of weighing ranges | 1 |
| Weighing capacity [Max] | 3000 kg |
| Readability [d] | 1 kg |
| Reproducibility | 1 kg |
| Linearity | ± 2 kg |
| Minimum weight [Min] | 20 kg |
| Resolution | 3.000 |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 3000 kg (M1) |
| Stabilization time | 3 s |
| Warm-up time | 10 min |
| Linearisation in dots | 2 |
| Eccentric loading at 1/3 [Max] | 2 kg |
| Default unit | kg |
| Units | kg |
| | g |
| | ffa |
| | PCS |
| Units (if device is conformity assessed) | % |
| | kg |
| Conformity assessment possible | ✓ |
| Loadcell type | ZEMIC H8C 1.5 ton |

| | |
|----------------------|--------|
| Load cell connection | 6-wire |
|----------------------|--------|

| Display | |
|---------------------------------|----------------------------|
| Display type | LCD |
| Display type | LCD with backlight |
| Display backlight | ✓ |
| Display screen size | 160×60 mm |
| Display segments | 6 |
| Display digit height | 48 mm |
| Languages of the user interface | English Symbol language |

| Construction | |
|--------------------------------------|--|
| Dimension display device (W×D×H) | 220×150×66,5 mm |
| Dimensions weighing surface (W×D) | 1500×1250 mm |
| Dimensions weighing surface | 1500×1250 mm |
| Dimensions weighing platform (W×D×H) | 1500×1250×85 mm |
| Material weighing plate | steel, powder-coated |
| Material platform | steel, powder-coated |
| Material display housing | plastic |
| Material load cell(s) | alloyed steel |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |
| Stand rotatable | no |
| Stand inclinable | no |
| Wall mount | ✓ |
| Display device cable length | 5 m |
| Platform Construction | Screwed load plate; smooth surface (unscrewable) |
| Load cells - number | 4 |

| Functions | |
|---|--------------------------|
| PreTare function | ✓ |
| Sum memory function | ✓ |
| Recipe/summing level | Sum A |
| Percentage determination | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Alibi memory | optional internal memory |
| Alibi memory - number of memory spaces | 250.000 |
| Function for averaging under unstable weighing conditions | ✓ |
| Counting function | ✓ |

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| | |
|---|---|
| Counting resolution (laboratory conditions) | 3.000 |
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 1 kg |
| Smallest piece weight when piece counting - normal conditions | 10 kg |
| Reference quantity | 5, 10, 20, 50, n (any number of pieces) |
| Hold function | ✓ |
| IP protection - complete device | - |
| IP protection - display | no IP protection |
| IP protection - platform | IP67 |
| IP protection - load cell | IP67 |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 5 min |
| | 2 min |
| | 1 min |
| | 30 min |
| | 60 min |
| Auto-off interval(s) in mains power mode | 30 sec |
| | off |
| Tare function | manual (multi) |
| Number of keys for operation | 7 |

Interface

| | |
|---------------------------|----------------------------------|
| 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) | |
| compatible with EasyTouch | |
| ✓ | |

Power Supply

| | |
|---|-------------------|
| Supplied power supply | Power supply unit |
| Plug-in power supply type | Power adapter |
| 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 |
| Input voltage power supply / power [Max] | 100 V - 240 V, 50 / 60 Hz |
| Input voltage device / power [Max] | 5,9V, 1A |
| Battery / accumulator type | Li-Ion |
| Battery | 3 V CR2032 |
| Rechargeable battery operating time - backlight on | 11 h |
| Rechargeable battery operating time - backlight off | 22 h |
| Rechargeable battery charging time | 8 h |
| Rechargeable battery optional | Rchrg. battery optional - intern |

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 | ✓ |
| Conformity assessment possible ex works | ✓ |
| Accuracy classe | III |
| Verification scale interval [e] | 1 kg |

Services (optional)

| | |
|---|---------|
| Article number for adjustment at the location of installation | 961-252 |
| Article number for conformity assessment | 965-232 |
| Article number for DAkkS calibration | 963-132 |
| Article number for certificate of conformity | 969-517 |

Packing & Shipping

| | |
|------------------------------|------------------|
| Delivery time | 2 d |
| Dimensions packaging (W×D×H) | 1615×1330×360 mm |
| Shipping method | Freight |
| Net weight approx. | 150 kg |
| Gross weight approx. | 205 kg |
| Shipping weight | 203 kg |

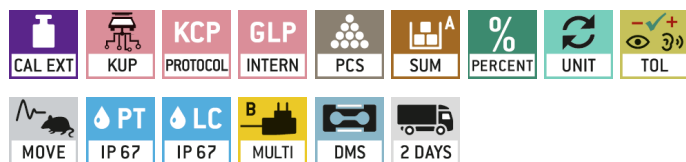
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Pictograms

STANDARD



OPTION



FACTORY

