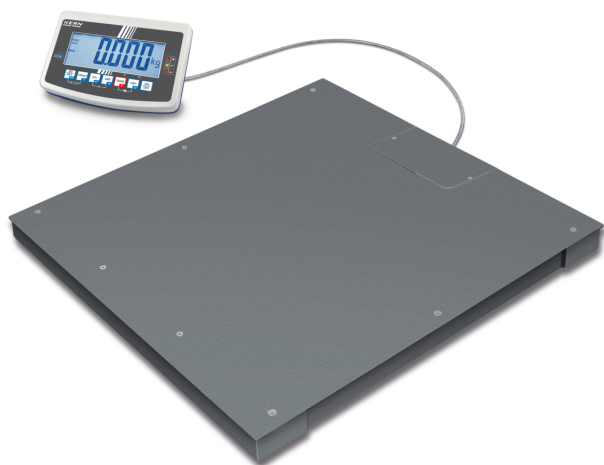


# KERN BFB 3T-3NM

Weighing bridge with screwed-on weighing plate (IP67) and XXL display device, verification optional



|                                 |                 |
|---------------------------------|-----------------|
| Display backlight               | ✓               |
| Display screen size             | 165×64 mm       |
| Display segments                | 5 + 1/2         |
| Display digit height            | 52 mm           |
| Languages of the user interface | Symbol language |

## Construction

|   |                                    |
|---|------------------------------------|
| Dimension display device (W×D×H)          | 252×162×62 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, lacquered                   |
| Material platform                         | steel, powder-coated               |
| Material display housing                  | plastic                            |
| Material load cell(s)                     | alloyed steel                      |
| Level indicator                           | ✓                                  |
| Levelling feet adjustable                 | ✓                                  |
| Stand inclinable                          | ✓                                  |
| Wall mount                                | ✓                                  |
| Cable length                              | 5 m                                |
| Display device cable length               | 5 m                                |
| Allowed cable length display device [Max] | 30 m                               |
| Platform Construction                     | Screwed load plate; smooth surface |
| Load cells - number                       | 4                                  |

## Functions

|  |                         |
|--|-------------------------|
| Sum memory function  | ✓                       |
| Recipe/summing level   | Sum A                   |
| Tolerance weighing   | ✓                       |
| Tolerance weighing - type of signal                            | acoustically<br>visual  |
| Underfloor weighing  | None                    |
| Function for averaging under unstable weighing conditions      | ✓                       |
| Counting function  | ✓                       |
| Reference quantity   | 10, 20, 50, 100, 200    |
| IP protection - display  | no IP protection        |
| IP protection - load cell                                      | IP67                    |
| Auto-off interval(s) in battery mode/rechargeable battery mode | selectable              |
| Auto-off interval(s) in mains power mode                       | selectable              |
| Tare function  | manual (single & multi) |
| Number of keys for operation                                   | 7                       |

## Category

|                  |                  |
|------------------|------------------|
| Brand            | KERN             |
| Product category | Industrial scale |
| Product group    | Floor scale      |
| Product family   | BFB              |

## Measuring System

|  |                                |
|--|--------------------------------|
| 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                          |
| Tare range                               | -3000 kg                       |
| Adjustment options                       | Adjusting with external weight |
| Recommended adjusting weight             | 3000 kg (M2)                   |
| Stabilization time                       | 2 s                            |
| Warm-up time                             | 10 min                         |
| Eccentric loading at 1/3 [Max]           | 2 kg                           |
| Load cell connection                     | 4-wire                         |
| Units (if device is conformity assessed) | kg                             |
| Construction type of the scale           | Single-range balance           |
| Units                                    | kg                             |
| Default unit                             | kg                             |
| Loadcell type                            | ZEMIC H8C 1.5 ton              |

## Display

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

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## Interface

|            |   |
|------------|---|
| Interfaces | RS-232 standard<br>Bluetooth BTC (v2.0)<br>(optional, factory)<br>analogue (0 - 10 V)<br>(optional, factory)<br>analogue (4 - 20 mA)<br>(optional, factory) |
|------------|---|

## 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<br>UK<br>US<br>CH   |
| Plug-in power supply / adapter for countries - optional                   | EURO<br>AUS<br>UK<br>US<br>CH  |
| Power supply - Cable length   | 180 cm   |
| Input voltage power supply / power [Max]                                  | 100 V - 240 V, 50 / 60 Hz  |
| Input voltage device / power [Max]  | 12 V, 500 mA   |
| Power socket for mains adapter  | Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm |
| Battery / accumulator type  | Pb   |
| Battery   | no battery   |
| Rechargeable battery  | 6 V, 1.2 Ah  |
| Rechargeable battery operating time - backlight on                        | 8 h  |
| Rechargeable battery operating time - backlight off                       | 35 h   |
| Rechargeable battery charging time  | 10 h   |
| Rechargeable battery optional   | Rchrg. battery optional (factory)  |
| 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 %   |
| Storage temperature [Min]     | -20 °C |
| Storage temperature [Max]     | 60 °C  |

## 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

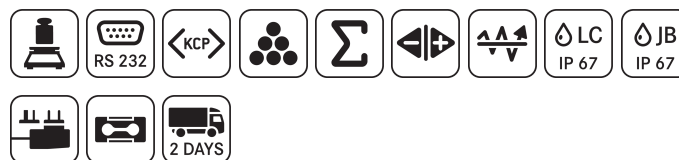
|                              |                  |
|------------------------------|------------------|
| Delivery time                | 2 d              |
| Dimensions packaging (W×D×H) | 1610×1320×330 mm |
| Shipping method              | Freight          |
| Net weight approx.           | 140 kg           |
| Gross weight approx.         | 195 kg           |
| Shipping weight              | 195 kg           |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761194267            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION



### FACTORY

