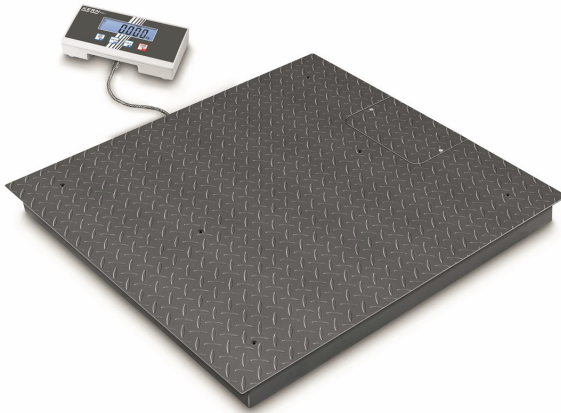


# KERN BIC 1T-4

# KERN

High-resolution floor scale with 2×3000 [d] and the best price-to-performance ratio



|                      |       |
|----------------------|-------|
| Display backlight    | ✓     |
| Display digit height | 25 mm |

## Construction

|   |                       |
|---|-----------------------|
| Dimension (W×D×H)                         | 1200×1500×108 mm      |
| Dimension display device (W×D×H)          | 235×114×51 mm         |
| Dimensions weighing surface (W×D)         | 1200×1500 mm          |
| Dimensions weighing surface               | 1200×1500 mm          |
| Dimensions weighing platform (W×D×H)      | 1200×1500×108 mm      |
| Material                                  | steel, lacquered      |
| Material weighing plate                   | steel, powder-coated  |
| Material platform                         | steel, powder-coated  |
| Material display housing                  | Plastics              |
| Material load cell(s)                     | steel                 |
| Level indicator                           | ✓                     |
| Levelling feet adjustable                 | ✓                     |
| Cable length                              | 5 m                   |
| Display device cable length               | 5 m                   |
| Allowed cable length display device [Max] | 15 m                  |
| Platform Construction                     | Chequer plate, welded |
| Load cells - number                       | 4                     |

## Functions

|  |                 |
|--|-----------------|
| Underfloor weighing                      | None            |
| Hold function                            | ✓               |
| IP protection - platform                 | IP67            |
| IP protection - load cell                | IP67            |
| Auto-off interval(s) in mains power mode | selectable      |
| Tare function                            | manual (single) |
| Number of keys for operation             | 4               |

## Power Supply

|   |  |
|---|--|
| Supplied power supply   | Power supply & battery function (battery not included) |
| Plug-in power supply type   | Power adapter  |
| Plug-in power supply / adapter for countries - included with the delivery | EURO<br>AUS<br>UK<br>US<br>CH                          |
| Plug-in power supply / adapter for countries - optional                   | EURO<br>AUS<br>UK<br>US                                |

## Category

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

## Measuring System

|                                |                                |
|--------------------------------|--------------------------------|
| Construction type of the scale | Multi-range balance            |
| Weighing system                | Strain gauge                   |
| Number of weighing ranges      | 2                              |
| Weighing capacity [Max]        | 600 kg; 1500 kg                |
| Readability [d]                | 0,2 kg; 0,5 kg                 |
| Reproducibility                | 0,2 kg; 0,5 kg                 |
| Linearity                      | ± 0,6 kg; 1,5 kg               |
| Resolution                     | 3.000, 3.000                   |
| Tare range                     | -1500 kg                       |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 1500 kg (M1)                   |
| Stabilization time             | 2 s                            |
| Warm-up time                   | 10 min; 10 min                 |
| Eccentric loading at 1/3 [Max] | 1 kg; 2,5 kg                   |
| Maximum creep (15 minutes)     | 2 kg                           |
| Maximum creep (30 minutes)     | 4 kg                           |
| Default unit                   | kg                             |
| Units                          | kg<br>lb                       |
| Loadcell type                  | KELI SQB                       |
| Load cell connection           | 4-wire                         |

## Display

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

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|  |                                 |
|--|---------------------------------|
| Input voltage power supply / power [Max] | 100 V - 240 V AC 50/60 Hz 0,3 A |
| Input voltage device / power [Max]       | 9 V, 100 mA                     |
| Battery / accumulator type               | Alkali(-Manganese)              |
| Battery                                  | 4×1.5 V AA                      |
| Battery connection                       | Pad + Spring                    |
| Battery operating time                   | 60 h                            |

## 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 | 961-250 |
| Article number for DAkkS calibration                          | 963-130 |
| Article number for certificate of conformity                  | 969-517 |

## Packing & Shipping

|                              |                  |
|------------------------------|------------------|
| Delivery time                | 2 d              |
| Dimensions packaging (W×D×H) | 1270×1560×240 mm |
| Shipping method              | Freight          |
| Net weight approx.           | 150 kg           |
| Gross weight approx.         | 170 kg           |
| Shipping weight              | 167 kg           |

## Pictograms

### STANDARD



### OPTION

