

# KERN BID 3T-3DM

# KERN

Dual-range floor scale with EC type approval [M] and the best price-to-performance ratio



|  |              |
|--|--------------|
| Pattern approval for conformity assessment | ✓            |
| Accuracy classe                            | III          |
| Verification scale interval [e]            | 0,5 kg; 1 kg |

| Display                         |                 |
|---------------------------------|-----------------|
| Display type                    | LCD             |
| Display digit height            | 25 mm           |
| Display backlight               | ✓               |
| Display screen size             | 110×35 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)      | 1200×1500×108 mm     |
| Dimensions weighing surface (W×D)         | 1200×1500 mm         |
| Material display housing                  | Plastics             |
| Material weighing plate                   | steel, powder-coated |
| Material platform                         | steel, powder-coated |
| Material load cell(s)                     | steel                |
| Wall mount                                | ✓                    |
| Cable length                              | 5 m                  |
| Display device cable length               | 5 m                  |
| Allowed cable length display device [Max] | 15 m                 |
| Levelling feet adjustable                 | ✓                    |
| Load cells - number                       | 4                    |

| Functions  |                                     |
|--|-------------------------------------|
| Number of keys for operation                                   | 7                                   |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min off 5 min 30 min 15 min       |
| PreTare function   | ✓                                   |
| Tare function  | manual (multi)                      |
| 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                               |
| Alibi memory   | optional internal memory            |
| Alibi memory - number of memory spaces                         | 250.000                             |
| Interfaces   | RS-232 standard Ethernet (optional) |

| Category         |                   |
|------------------|-------------------|
| Brand            | KERN              |
| Product category | Industrial scales |
| Product group    | Floor scales      |

| Measuring System                         |                                |
|--|--------------------------------|
| Readability [d]                          | 500 g; 1000 g                  |
| Weighing capacity [Max]                  | 1500 kg; 3000 kg               |
| Number of weighing ranges                | 2                              |
| Eccentric loading at 1/3 [Max]           | 2,5 kg; 5 kg                   |
| Minimum weight [Min]                     | 10 kg; 20 kg                   |
| Reproducibility                          | 0,5 kg; 1 kg                   |
| Linearity                                | ± 1,5 kg; 3 kg                 |
| Linearisation in dots                    | 3                              |
| Weighing system                          | Strain gauge                   |
| Resolution                               | 3.000, 3.000                   |
| Tare range                               | 3000 kg                        |
| Units                                    | kg g lb oz PCS tJ HJ           |
| Units (if device is conformity assessed) | kg                             |
| Default unit                             | kg                             |
| Stabilization time                       | 2 s                            |
| Warm-up time                             | 10 min; 10 min                 |
| Adjustment options                       | Adjusting with external weight |
| Recommended adjusting weight             | 3000 kg (M1)                   |
| Loadcell type                            | KELI SQB                       |
| Load cell connection                     | 4-guide                        |

| Approval                                |   |
|---|---|
| CE mark                                 | ✓ |
| Conformity assessment possible ex works | ✓ |

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|                           |   |
|---------------------------|---|
|                           | 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 - display   | IP65  |
| IP protection - load cell | IP67  |

## 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 plug-in power supply   | Power supply unit                   |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK US                          |
| Rechargeable battery optional   | Rchrg. battery optional - intern    |
| Rechargeable battery  | 6 V; 1.3 Ah                         |
| 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                          |

## 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)    | 2 d              |
| Shipping method              | Freight          |
| Dimensions packaging (WxDxH) | 1270x1560x240 mm |
| Net weight approx.           | 150 kg           |
| Gross weight approx.         | 170 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 (verification) 969-517

## Piktogramme

### STANDARD



### OPTION



### FACTORY

