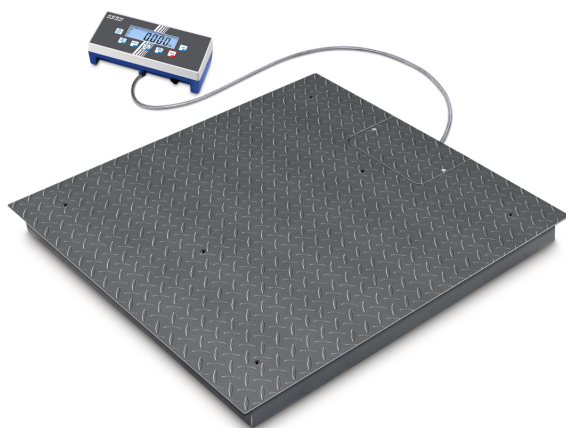


# KERN BID 1T-4LM

**KERN**

Floor scale with the best price-to-performance ratio, verification optional



|                                |          |
|--------------------------------|----------|
| Conformity assessment possible | ✓        |
| Loadcell type                  | KELI SQB |
| Load cell connection           | 4-wire   |

## Display

|                                       |                 |
|---------------------------------------|-----------------|
| Display type                          | LCD             |
| Display type                          | LCD             |
| Display backlight                     | ✓               |
| Display screen size                   | 110×35 mm       |
| Display segments                      | 6               |
| Display digit height - smallest digit | 25 mm           |
| Display digit height                  | 25 mm           |
| Languages of the user interface       | Symbol language |

## Construction

|                                           |                       |
|-------------------------------------------|-----------------------|
| Dimension display device (W×D×H)          | 268×115×80 mm         |
| Dimensions weighing surface (W×D)         | 1500×1500 mm          |
| Dimensions weighing surface               | 1500×1500 mm          |
| Dimensions weighing platform (W×D×H)      | 1500×1500×108 mm      |
| 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                 | ✓                     |
| Wall mount                                | ✓                     |
| 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

|                                                           |                          |
|-----------------------------------------------------------|--------------------------|
| PreTare function                                          | ✓                        |
| Recipe/summing level                                      | Sum A                    |
| Percentage determination                                  | ✓                        |
| Tolerance weighing                                        | ✓                        |
| Alibi memory                                              | optional internal memory |
| Alibi memory - number of memory spaces                    | 250.000                  |
| Function for averaging under unstable weighing conditions | ✓                        |
| Counting function                                         | ✓                        |
| IP protection - complete device                           | IP65                     |
| IP protection - display                                   | IP65                     |

## Category

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

## Measuring System

|                                          |                                |
|------------------------------------------|--------------------------------|
| Construction type of the scale           | Single-range balance           |
| Weighing system                          | Strain gauge                   |
| Number of weighing ranges                | 1                              |
| Weighing capacity [Max]                  | 1500 kg                        |
| Readability [d]                          | 0,5 kg                         |
| Reproducibility                          | 0,5 kg                         |
| Linearity                                | ± 1,5 kg                       |
| Minimum weight [Min]                     | 10 kg                          |
| Resolution                               | 3.000                          |
| Tare range                               | 1500 kg                        |
| Adjustment options                       | Adjusting with external weight |
| Recommended adjusting weight             | 1500 kg (M2)                   |
| Stabilization time                       | 2 s                            |
| Warm-up time                             | 10 min                         |
| Linearisation in dots                    | 3                              |
| Eccentric loading at 1/3 [Max]           | 2,5 kg                         |
| Default unit                             | kg                             |
| Units                                    | kg                             |
|                                          | g                              |
|                                          | lb                             |
|                                          | oz                             |
|                                          | PCS                            |
|                                          | tj                             |
| Units (if device is conformity assessed) | HJ                             |
|                                          | kg                             |

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|                                                                |                |
|----------------------------------------------------------------|----------------|
| IP protection - platform                                       | IP67           |
| IP protection - load cell                                      | IP67           |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min          |
|                                                                | off            |
|                                                                | 5 min          |
|                                                                | 30 min         |
| Auto-off interval(s) in mains power mode                       | 15 min         |
|                                                                | 3 min          |
|                                                                | off            |
|                                                                | 5 min          |
|                                                                | 30 min         |
|                                                                | 15 min         |
| Tare function                                                  | manual (multi) |
| Number of keys for operation                                   | 7              |

| Interface  |                                          |
|------------|------------------------------------------|
| Interfaces | RS-232 standard                          |
|            | Ethernet (optional, 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) |

| 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                                |
|                                                                           | AUS                                 |
|                                                                           | UK                                  |
|                                                                           | US                                  |
| 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                    |
| Battery / accumulator type                                                | Pb                                  |
| Battery                                                                   | no battery                          |
| Rechargeable battery                                                      | 6 V; 1.3 Ah                         |
| Rechargeable battery operating time - backlight on                        | 26 h                                |
| Rechargeable battery operating time - backlight off                       | 43 h                                |

|                                    |                                  |
|------------------------------------|----------------------------------|
| Rechargeable battery charging time | 3 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]         | 0,5 kg |

| Services (optional)                                           |         |
|---------------------------------------------------------------|---------|
| Article number for adjustment at the location of installation | 961-250 |
| Article number for conformity assessment                      | 965-230 |
| Article number for DAkkS calibration                          | 963-130 |
| Article number for certificate of conformity (verification)   | 969-517 |

| Packing & Shipping           |                  |
|------------------------------|------------------|
| Delivery time                | 2 d              |
| Dimensions packaging (W×D×H) | 1550×1550×265 mm |
| Shipping method              | Freight          |
| Net weight approx.           | 155 kg           |
| Gross weight approx.         | 180 kg           |
| Shipping weight              | 180 kg           |

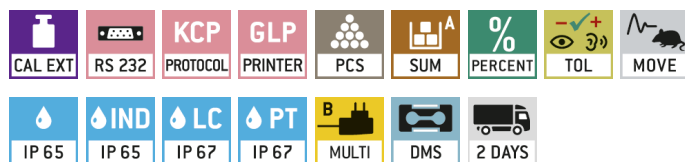
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## Pictograms

### STANDARD



### OPTION



### FACTORY

