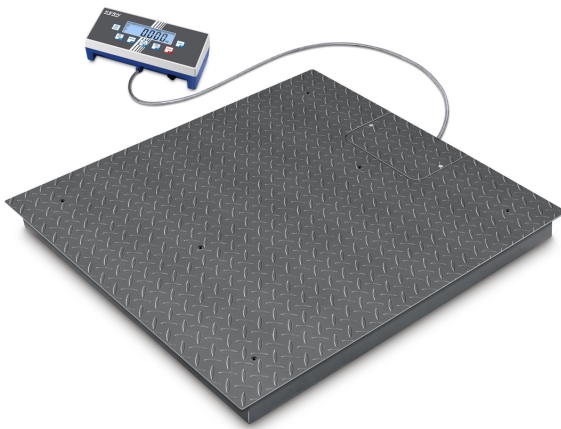


KERN BID 1T-4DM

KERN

Multi-range floor scale with the best price-to-performance ratio, verification optional



| | |
|----------------------|----------|
| Loadcell type | KELI SQB |
| Load cell connection | 4-wire |

| Approval | |
|---|----------------|
| CE mark | ✓ |
| Accuracy classe | III |
| Verification scale interval [e] | 0,2 kg; 0,5 kg |
| Conformity assessment possible ex works | ✓ |

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

| Functions | |
|--|---|
| Number of keys for operation | 7 |
| Auto-off interval(s) in mains power mode | 3 min off 5 min 30 min 15 min |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min off 5 min 30 min 15 min |

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

| Measuring System | |
|--|--------------------------------|
| Construction type of the scale | Multi-range balance |
| Number of weighing ranges | 2 |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 600 kg; 1500 kg |
| Readability [d] | 0,2 kg; 0,5 kg |
| Resolution | 3.000, 3.000 |
| Linearity | ± 0,6 kg; 1,5 kg |
| Linearisation in dots | 3 |
| Reproducibility | 0,2 kg; 0,5 kg |
| Tare range | 1500 kg |
| Default unit | kg |
| | kg |
| | g |
| | lb |
| Units | oz |
| | PCS |
| | tj |
| | HJ |
| Units (if device is conformity assessed) | kg |
| Minimum weight [Min] | 4 kg; 10 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 |

KERN BID 1T-4DM



Multi-range floor scale with the best price-to-performance ratio, verification optional

| | |
|---|--------------------------|
| 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, 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 power supply | Power supply unit |
| 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 |
| | CH |

| | |
|-------------------------------|----------------------------------|
| Rechargeable battery optional | Rchrg. battery optional - intern |
|-------------------------------|----------------------------------|

| | |
|------------------------------------|-----|
| 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 |
| Battery / accumulator type | Pb |

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

Pictograms

STANDARD



OPTION



FACTORY

