

KERN BID 600K-1DS

KERN

High-resolution dual-range floor scale with the best price-to-performance ratio



| 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) | 1000×1000×108 mm |
| Dimensions weighing surface (W×D) | 1000×1000 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] | 5 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 | ✓ |
| Function for averaging under unstable weighing conditions | ✓ |
| 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) |

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

| Measuring System | |
|--|--------------------------------|
| Readability [d] | 50 g; 100 g |
| Weighing capacity [Max] | 300 kg; 600 kg |
| Number of weighing ranges | 2 |
| Eccentric loading at 1/3 [Max] | 0,5 kg; 1 kg |
| Reproducibility | 0,1 kg; 0,2 kg |
| Linearity | ± 0,3 kg; 0,6 kg |
| Linearisation in dots | 3 |
| Weighing system | Strain gauge |
| Resolution | 6.000, 6.000 |
| Tare range | 600 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 | 30 min; 30 min |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 600 kg (M1) |
| Loadcell type | H8C (ZEMIC) |

| Approval | |
|--|-----|
| CE mark | ✓ |
| Conformity assessment possible ex works | ✓ |
| Pattern approval for conformity assessment | ✓ |
| Accuracy classe | III |

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| | |
|---------------------------|---|
| | 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 |
| 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 (W×D×H) | 1080×1080×215 mm |
| Net weight approx. | 70 kg |
| Gross weight approx. | 95 kg |

Services (optional)

| | |
|---|---------|
| Article number for adjustment at the location of installation | 961-250 |
| Article number for DAkkS calibration | 963-130 |

Piktogramme

STANDARD



OPTION



FACTORY

