

KERN BID 1T-4DS

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]	100 g; 200 g
Weighing capacity [Max]	600 kg; 1500 kg
Number of weighing ranges	2
Eccentric loading at 1/3 [Max]	1 kg; 2,5 kg
Reproducibility	0,2 kg; 0,5 kg
Linearity	± 0,6 kg; 1,5 kg
Linearisation in dots	3
Weighing system	Strain gauge
Resolution	6.000, 7.500
Tare range	1500 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	1500 kg (M1)
Loadcell type	KELI SQB

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)	1050×1050×260 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

