

KERN BID 600K-1DS

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



Maximum creep (30 minutes)	800 g
Loadcell type	H8C (ZEMIC)
Load cell connection	4-wire

Approval

CE mark	✓
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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)	1000×1000×108 mm
Material display housing	Plastics
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Dimensions weighing surface (W×D)	1000×1000 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
	3 min
	off
Auto-off interval(s) in mains power mode	5 min
	30 min
	15 min
	3 min
	off
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
	30 min
	15 min
PreTare function	✓
Tare function	manual (multi)

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]	300 kg; 600 kg
Readability [d]	0,05 kg; 0,1 kg
Resolution	6.000, 6.000
Linearity	± 0,3 kg; 0,6 kg
Linearisation in dots	3
Reproducibility	0,1 kg; 0,2 kg
Tare range	600 kg
Default unit	kg

	kg
	g
	lb
Units	oz
	PCS
	tj
	HJ

Units (if device is conformity assessed)	kg
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Adjustment options	Adjusting with external weight
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Recommended adjusting weight	600 kg (M1)
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Stabilization time	2 s
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Warm-up time	30 min; 30 min
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Eccentric loading at 1/3 [Max]	0,5 kg; 1 kg
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Maximum creep (15 minutes)	400 g
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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	
Plug-in power supply / adapter for countries - optional	CH	
	EURO	
	AUS	
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)	1080×1080×215 mm
Net weight	73 kg
Shipping method	Freight
Net weight approx.	75 kg
Gross weight approx.	105 kg
Shipping weight	103 kg

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkKS calibration	963-130
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

