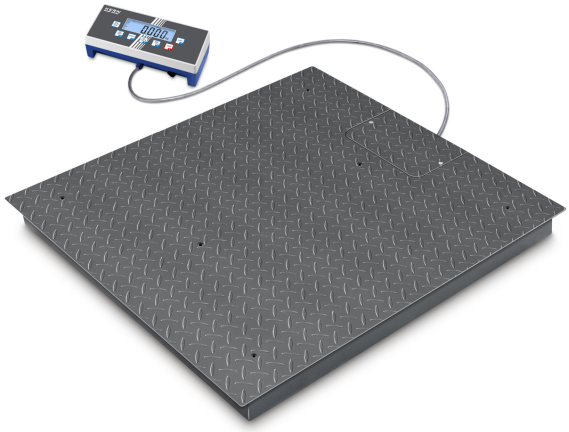
KERN **BID 600K-1SM**

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



Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Floor scale
Product family	BID

Measuring System

Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	600 kg
Readability [d]	0,2 kg
Resolution	3.000
Linearity	± 0,6 kg
Linearisation in dots	3
Reproducibility	0,2 kg
Tare range	600 kg
Default unit	kg
Units	kg g lb oz PCS tJ HJ
Units (if device is conformity assessed)	kg
Minimum weight [Min]	4 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 kg (M2)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	1 kg
Loadcell type	H8C (ZEMIC)
Load cell connection	4-wire

Approval

CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,2 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)	1000×1000×108 mm
Material	steel, lacquered
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
Auto-off interval(s) in mains power mode	3 min off 5 min 30 min 15 min

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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	✓
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
Underfloor weighing	None
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 - complete device	IP65
IP protection - display	IP65
IP protection - load cell	IP67
IP protection - platform	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
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

Humity of environment [Min]	0 %
Humity 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)	1060×1060×250 mm
Net weight	67 kg
Shipping method	Freight
Net weight approx.	70 kg
Gross weight approx.	105 kg
Shipping weight	105 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

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Pictograms

STANDARD

OPTION

FACTORY