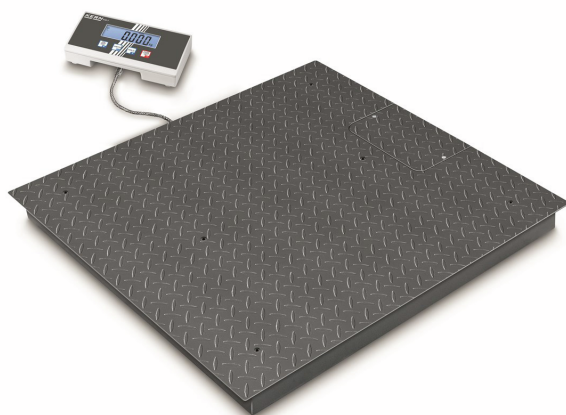


KERN BIC 600K-1S

KERN

High-resolution floor scale with 2×3000 [d] and the best price-to performance ratio



Category

Brand	KERN
Product category	Industrial scale
Product group	Floor scale
Product family	BIC

Measuring System

Construction type of the scale	Multi-range balance
Weighing system	Strain gauge
Number of weighing ranges	2
Weighing capacity [Max]	300 kg; 600 kg
Readability [d]	0,1 kg; 0,2 kg
Reproducibility	0,1 kg; 0,2 kg
Linearity	± 0,3 kg; 0,6 kg
Resolution	3.000, 3.000
Tare range	-600 kg

Adjustment options Adjusting with external weight

Recommended adjusting weight 600 kg (M1)

Stabilization time 2 s

Warm-up time 10 min; 10 min

Eccentric loading at 1/3 [Max] 0,5 kg; 1 kg

Maximum creep (15 minutes) 800 g

Maximum creep (30 minutes) 1,6 kg

Default unit kg

Units kg
lb

Loadcell type KELI SQB

Load cell connection 4-wire

Display

Display type LCD

Display type LCD

Display backlight	✓
Display digit height - smallest digit	5 mm
Display digit height	25 mm

Construction

Dimension display device (W×D×H)	235×114×51 mm
Dimensions weighing surface (W×D)	1000×1000 mm
Dimensions weighing surface	1000×1000 mm
Dimensions weighing platform (W×D×H)	1000×1000×108 mm
Material	steel, lacquered
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Material display housing	Plastics
Material load cell(s)	steel
Level indicator	✓
Levelling feet adjustable	✓
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	15 m
Platform Construction	Chequer plate, welded
Load cells - number	4

Functions

Underfloor weighing	None
Hold function	✓
IP protection - platform	IP67
IP protection - load cell	IP67
Tare function	manual (single)
Number of keys for operation	4

Power Supply

Supplied power supply	Power supply & battery function (battery not included)
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0,3 A

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Input voltage device / power [Max]	9 V, 100 mA
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AA
Battery connection	Pad + Spring
Battery operating time	60 h

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %

Approval

CE mark	✓
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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

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	1090×1190×250 mm
Shipping method	Freight
Net weight approx.	70 kg
Gross weight approx.	110 kg
Shipping weight	108 kg

Pictograms

STANDARD



OPTION

