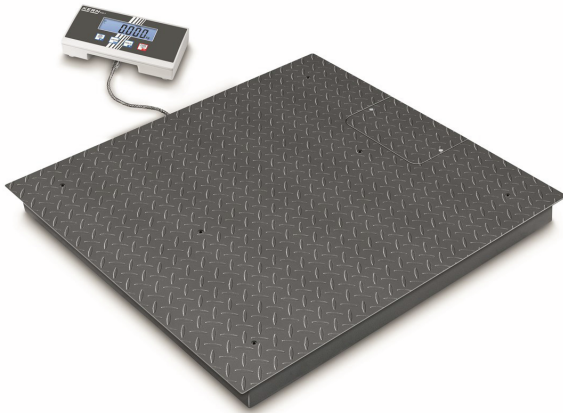


KERN BIC 600K-1

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
Number of weighing ranges	2
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg; 600 kg
Readability [d]	0,1 kg; 0,2 kg
Resolution	3.000, 3.000
Linearity	± 0,3 kg; 0,6 kg
Reproducibility	0,1 kg; 0,2 kg
Tare range	-600 kg
Default unit	kg
Units	kg lb
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
Loadcell type	KELI SQB
Load cell connection	4-wire

Approval

CE mark	✓
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Display

Display type	LCD
Display type	LCD
Display backlight	✓
Display digit height	25 mm

Construction

Dimension (W×D×H)	1200×1500×108 mm
Dimension display device (W×D×H)	235×114×51 mm
Dimension housing (W×D×H)	1500×1200×85 mm
Dimensions weighing platform (W×D×H)	1200×1500×108 mm
Dimensions completely mounted (W×D×H)	1500×1200×110 mm
Material	steel, lacquered
Material display housing	Plastics
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Dimensions weighing surface (W×D)	1200×1500 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	✓

Functions

Number of keys for operation	4
Auto-off interval(s) in mains power mode	selectable
Tare function	manual (single)
Hold function	✓
Underfloor weighing	None
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 0,3 A
Input voltage device / power [Max]	9 V, 100 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply & battery function (battery not included)

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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
Battery	4×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Pad + Spring
Battery operating time	60 h

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)	1270×1560×240 mm
Net weight	150 kg
Shipping method	Freight
Net weight approx.	150 kg
Gross weight approx.	170 kg
Shipping weight	167 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

