

KERN IFB 60K10DM

High-resolution industrial scale in heavy version, verification optional



Display backlight	✓
Display segments	5 + 1/2
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction

Dimensions completely mounted (W×D×H)	560×300×490 mm
Dimension display device (W×D×H)	250×160×58 mm
Dimensions weighing surface (W×D)	400×300 mm
Dimensions weighing surface	400×300 mm
Dimensions weighing platform (W×D×H)	400×300×117 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Stand height	600 mm
Stand inclinable	✓
Wall mount	✓
Display device cable length	3 m
Allowed cable length display device [Max]	3 m
Load cells - number	1

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	60.000
Smallest piece weight when piece counting - laboratory conditions	1 g
Smallest piece weight when piece counting - normal conditions	10 g
Reference quantity	10, 20, 50, 100, 200
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	no IP protection
IP protection - load cell	IP65

Category

Brand	KERN
Product category	Industrial scale
Product group	Platform scale
Product family	IFB

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	30 kg; 60 kg
Readability [d]	0,01 kg; 0,02 kg
Reproducibility	0,01 kg; 0,02 kg
Linearity	± 0,01 kg; 0,02 kg
Minimum weight [Min]	0,2 kg; 0,4 kg
Conformity assessment possible	✓
Resolution	3.000, 3.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	60 kg (M1)
Stabilization time	2 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,05 kg; 0,1 kg
Load cell connection	4-wire
Units (if device is conformity assessed)	kg
Construction type of the scale	Multi-range balance
Units	kg
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated

Display

Display type	LCD
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Auto-off interval(s) in battery mode/rechargeable battery mode	off 5 min 15 min
Auto-off interval(s) in mains power mode	off 5 min 15 min
Tare function	manual (single & multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
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Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 9,5 mm
Battery / accumulator type	Pb
Battery	no battery
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	35 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional

Environmental conditions

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

Humidity of environment [Max]	80 %
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Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,01 kg; 0,02 kg

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for conformity assessment	965-229
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	470×802×227 mm
Shipping method	Parcel service
Net weight approx.	7 kg
Gross weight approx.	9 kg
Shipping weight	17,1 kg

Product information

GTIN/EAN number	404576 1244078
REACH classification	no prohibited substances

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Pictograms

STANDARD



OPTION



FACTORY

