KERN **IFB 60K-3**

High-resolution industrial scale in heavy version

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	60 kg
Readability [d]	0,002 kg
Resolution	30.000
Linearity	± 0,008 kg
Reproducibility	0,002 kg
Default unit	kg
Units	kg g lb Hj, tJ lb:oz
Adjustment options	Adjusting with external weight
Recommended adjusting weight	60 kg (F2)
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,01 kg
Maximum creep (15 minutes)	8 g
Maximum creep (30 minutes)	16 g
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	6-wire

Approval

CE mark	✓

Display

Display type	LCD
Display backlight	✓
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction

Dimension display device (W×D×H)	250×160×58 mm
Dimensions weighing platform (W×D×H)	400×300×114 mm
Dimensions completely mounted (W×D×H)	400×300×120 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Material platform	steel, varnished
Dimensions weighing surface (W×D)	400×300 mm
Display device cable length	3 m
Allowed cable length display device [Max]	20 m
Material load cell(s)	aluminium
Load cells - number	1
Levelling feet adjustable	✓
Wall mount	✓
Stand height	600 mm
Stand inclinable	✓

Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	off 5 min 15 min
Auto-off interval(s) in battery mode/rechargeable battery mode	off 5 min 15 min
Tare function	manual (single & multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓

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Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
IP protection - platform	no IP protection

Counting

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
Counting resolution (laboratory conditions)	60.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 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	EURO AUS UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	35 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

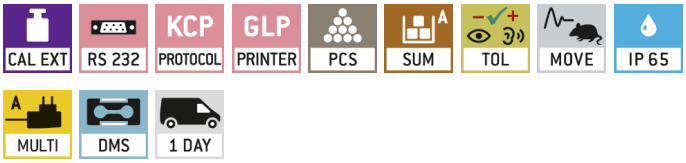
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	470×794×229 mm
Net weight	7,5 kg
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	9 kg
Shipping weight	17,1 kg

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

FACTORY