KERN IFB 3K-4

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]	3 kg	
Readability [d]	0,0001 kg	
Resolution	30.000	
Linearity	± 0,0003 kg	
Reproducibility	0,0001 kg	
Default unit	kg	
Units	kg g Ib Hj, tJ Ib:oz	
Adjustment options	Adjusting with external weight	
Recommended adjusting weight	3 kg (F2)	
Stabilization time	2 s	
Warm-up time	120 min	
Eccentric loading at 1/3 [Max]	0,0005 kg	
Maximum creep (15 minutes)	400 mg	
Maximum creep (30 minutes)	800 mg	
Loadcell type	aluminium IP65 silicone- coated	

4-wire

Load cell connection

	,	
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)	230×230×106 mm	
Dimensions completely mounted (W×D×H)	230×230×360 mm	
Material display housing	Plastics	
Material housing	plastic	
Material weighing plate	stainless steel	
Material platform	steel, powder-coated	
Dimensions weighing surface (W×D)	230×230 mm	
Display device cable length	3 m	
Allowed cable length display device [Max]	3 m	
Transport safety lock - bolt torque	0,1 Nm	
Material load cell(s)	aluminium	
Load cells - number	1	
Levelling feet adjustable	\checkmark	
Wall mount	1	
Stand height	3300 mm	
Stand inclinable	1	
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	· ✓	
0 0	acoustically	
Tolerance weighing - type of signal	visual	
Tolerance weighing - type of signal Function for averaging under unstable weighing conditions	visual ✓	
Function for averaging under	_	

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Sum memory function	1
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	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	10, 20, 50, 100, 200
Counting resolution (laboratory conditions)	15.000

Power Supply

Ambient temperature [Min]

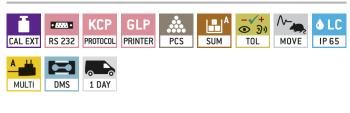
rower Supply	
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
Plug-in 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 %

-10 °C

Ambient temperature [Max]	40 °C
Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	339×496×226 mm
Net weight	4,5 kg
Shipping method	Parcel service
Net weight approx.	4,6 kg
Gross weight approx.	7 kg
Shipping weight	7,6 kg
Services (optional)	
Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

1	DAkkS
ET	+3 DAYS

FACTORY

*	D⁄A	
BT 2.0	ANALOG	ACCU