

KERN IFB 3K-4

High-resolution industrial scale in heavy version



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) 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 ✓
 Wall mount ✓
 Stand height 3300 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

Category

Brand KERN
 Product category 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
 lb
 Hj, tj
 lb: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
 Load cell connection 4-wire

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Sum memory function	✓
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	
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	
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)	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



FACTORY

