

KERN IFC 60K-3

Robust industrial scales with up to three interfaces



Approval

CE mark ✓

Display

Display type LCD
 Display type LCD with backlight
 Display screen size 160×60 mm
 Display backlight ✓
 Display digit height 50 mm
 Languages of the user interface English
 Symbol language

Construction

Dimension display device (W×D×H) 220×145×65 mm
 Dimensions weighing platform (W×D×H) 400×300×114 mm
 Material display housing Plastics
 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] 3 m
 Material load cell(s) aluminium
 Load cells - number 1
 Levelling feet adjustable ✓
 Wall mount ✓
 Stand rotatable no
 Stand inclinable no

Functions

Number of keys for operation 7
 Auto-off interval(s) in mains power mode off
 Auto-off interval(s) in battery mode/rechargeable battery mode 5 min
 2 min
 1 min
 30 min
 60 min
 30 sec
 Capacity display ✓
 PreTare function ✓
 Tare function manual (multi)
 Hold function ✓
 Percentage determination ✓
 Counting function ✓
 Tolerance weighing ✓

Category

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

Measuring System

Construction type of the scale Single-range balance
 Number of weighing ranges 1
 Weighing system Strain gauge
 Weighing capacity [Max] 60 kg
 Readability [d] 0,002 kg
 Resolution 30.000
 Linearity ± 0,008 kg
 Default unit kg

Units kg
 g
 lb
 ffa
 PCS
 %

Adjustment options Adjusting with external weight
 Recommended adjusting weight 60 kg (M1)
 Possible calibration points 60 kg
 Stabilization time 3 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 4-wire

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Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Interfaces	RS-232 (optional) Ethernet (optional) Alibi memory (optional, factory) analogue (0 - 10 V) (optional) analogue (4 - 20 mA) (optional) Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)
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
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Counting resolution (laboratory conditions)	60.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
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 CH
Plug-in power supply / adapter for countries - optional	EURO UK

	US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	48 h
Battery	no battery
Battery / accumulator type	Li-Ion

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)	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

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Pictograms

STANDARD



OPTION

