

# KERN IXC 100K-3

Convenience for industry: Stainless steel platform scales with up to four interfaces and intuitive operation



## Approval

CE mark ✓

## Display

Display type LCD  
 Display type LCD with backlight  
 Display screen size 160×60 mm  
 Display backlight ✓  
 Display digit height 48 mm  
 Languages of the user interface English  
 Symbol language

## Construction

Dimension display device (W×D×H) 232×150×80 mm  
 Dimensions weighing platform (W×D×H) 500×400×124 mm  
 Material display housing stainless steel  
 Material weighing plate stainless steel  
 Material platform steel, varnished  
 Dimensions weighing surface (W×D) 500×400 mm  
 Display device cable length 3 m  
 Allowed cable length display device [Max] 10 m  
 Material load cell(s) aluminium  
 Load cells - number 1  
 Levelling feet adjustable ✓  
 Wall mount ✓

## 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 ✓  
 Tolerance weighing - type of signal acoustically  
 visual

## Category

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

## Measuring System

Construction type of the scale Single-range balance  
 Number of weighing ranges 1  
 Weighing system Strain gauge  
 Weighing capacity [Max] 150 kg  
 Readability [d] 0,005 kg  
 Resolution 30.000  
 Linearity ± 0,015 kg  
 Reproducibility 0,005 kg  
 Default unit kg

Units kg  
 g  
 lb  
 ffa  
 PCS  
 %

Adjustment options Adjusting with external weight  
 Recommended adjusting weight 150 kg (M1)  
 Possible calibration points 150 kg  
 Stabilization time 3 s  
 Warm-up time 120 min  
 Eccentric loading at 1/3 [Max] 0,015 kg  
 Maximum creep (15 minutes) 20 g  
 Maximum creep (30 minutes) 40 g  
 Loadcell type aluminium IP65 silicone-coated  
 Load cell connection 6-wire

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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, factory)
	Bluetooth (optional, factory)
	Ethernet (optional, factory)
	WiFi (optional, factory)
	Alibi memory (optional, factory)
	analogue (0 - 10 V) (optional, factory)
	analogue (4 - 20 mA) (optional, factory)
	Bluetooth BLE (v4.0) (optional, factory)
	USB-Device (optional, factory)

IP protection - complete device	-
IP protection - display	IP68
IP protection - load cell	IP65
IP protection - platform	no IP protection

## Counting

Smallest piece weight when piece counting - laboratory conditions	5 g
Smallest piece weight when piece counting - normal conditions	50 g
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Counting resolution (laboratory conditions)	30.000

## Power Supply

Input voltage power supply / power [Max]	110 V - 240 V AC
Plug-in power supply type	Built-in power supply
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO
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)	490×775×235 mm
Net weight	20,5 kg
Shipping method	Parcel service
Net weight approx.	22 kg
Gross weight approx.	24 kg
Shipping weight	22,96 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

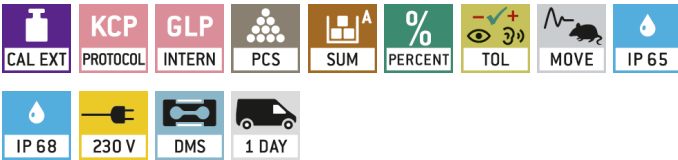
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## Pictograms

### STANDARD



### OPTION



### FACTORY

