

# KERN IXC 30K-3L

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



## Approval

CE mark	✓
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## 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)	500×400×127 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Dimensions weighing surface (W×D)	500×400 mm
Display device cable length	3 m
Allowed cable length display device [Max]	10 m
Transport safety lock - bolt torque	0,1 Nm
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
	5 min
	2 min
Auto-off interval(s) in battery mode/rechargeable battery mode	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	IXC

## Measuring System

Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,001 kg
Resolution	30.000
Linearity	± 0,003 kg
Reproducibility	0,001 kg
Default unit	kg

Units	kg
	g
	lb
	ffa
	PCS
	%

Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,005 kg
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	6-wire

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, factory)
	Ethernet (optional, factory)
Interfaces	WiFi (optional, factory)
	Alibi memory (optional, factory)
Interfaces	analogue (0 - 10 V) (optional, factory)
	analogue (4 - 20 mA) (optional, factory)
Interfaces	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	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)	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)	940×555×225 mm
Net weight	10,53 kg
Shipping method	Parcel service
Net weight approx.	11 kg
Gross weight approx.	14 kg
Shipping weight	23,5 kg

Services (optional)	
Article number for adjustment at the location of installation	961-248
Article number for DAkKS calibration	963-128
Article number for certificate of conformity (verification)	969-517

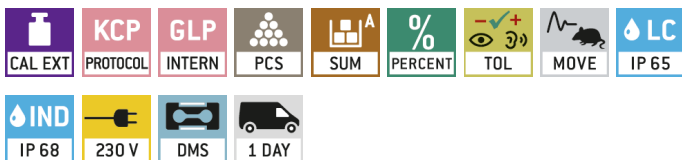
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## Pictograms

### STANDARD



### OPTION



### FACTORY

