

KERN IXC 100K-2M

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



Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,02 kg; 0,05 kg

Display	
Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display screen size	160×60 mm
Display segments	6
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
Material load cell(s)	aluminium
Load cells - number	1
Levelling feet adjustable	✓
Level indicator	✓
Wall mount	✓
Stand rotatable	no
Stand inclinable	no

Functions	
PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Function for averaging under unstable weighing conditions	✓

Category

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

Measuring System

Number of weighing ranges	2
Weighing system	Strain gauge
Weighing capacity [Max]	60 kg; 150 kg
Units (if device is conformity assessed)	kg g
Readability [d]	0,02 kg; 0,05 kg
Resolution	3.000, 3.000
Linearity	± 0,02 kg; 0,05 kg
Reproducibility	0,02 kg; 0,05 kg
Units	kg
Minimum weight [Min]	0,4 kg; 1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (M1)
Stabilization time	3 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,02 kg; 0,05 kg
Loadcell type	aluminium IP65 silicone-coated
Default unit	kg
Load cell connection	6-wire
Conformity assessment possible	✓
Construction type of the scale	Multi-range balance

Approval

CE mark	✓
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Counting function	✓
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	5 g
Smallest piece weight when piece counting - normal conditions	50 g
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Hold function	✓
IP protection - complete device	-
IP protection - display	IP68
IP protection - platform	no IP protection
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
	2 min
	1 min
	30 min
	60 min
	30 sec
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	7

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Input voltage power supply / power [Max]	110 V - 240 V AC
Battery / accumulator type	Li-Ion
Battery	no battery
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	48 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %

Humidity of environment [Max] 80 %

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	928×550×210 mm
Net weight	10,5 kg
Shipping method	Parcel service
Net weight approx.	11 kg
Gross weight approx.	14 kg
Shipping weight	21,4 kg

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for conformity assessment	965-229
Article number for DAkkS calibration	963-129
Article number for certificate of conformity (verification)	969-517

Interface

Interfaces	RS-232 (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)	
	EasyTouch (ET) - Connection type	KUM
	EasyTouch (ET) - Compatibility	vollständig

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Pictograms

STANDARD



OPTION



FACTORY

