

# KERN IXS 100K-2M

Platform scale with stainless steel display device with IP68 rating and XL display



## Category

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

## Measuring System

Construction type of the scale	Multi-range balance
Number of weighing ranges	2
Weighing system	Strain gauge
Weighing capacity [Max]	60 kg; 150 kg
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
Tare range	-150 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg g
Minimum weight [Min]	0,4 kg; 1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (M1)
Stabilization time	2 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,02 kg; 0,05 kg
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Loadcell type	DMS, silicone-coated, glued on plate
Load cell connection	6-wire

## Approval

CE mark	✓
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## Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display digit height	55 mm

## Construction

Dimension display device (W×D×H)	232×150×80 mm
Dimensions weighing platform (W×D×H)	500×400×123 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	stainless steel, lacquered
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	1 - 9 min
Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 9 min
Wireless operation	no
PreTare function	✓
Tare function	manual (multi)
Hold function	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Function for averaging under unstable weighing conditions	✓
Peak function	✓
Recipe/summing level	Sum A

Interfaces	RS-232 (optional, factory) Bluetooth (optional, factory)
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	RS-485 (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
Reference quantity	10, 20, 50, 100, 200
Counting resolution (laboratory conditions)	30.000

## Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	~220 V - 240 V AC; 50 Hz
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
Plug-in power supply / adapter for countries - optional	UK CH
Rechargeable battery optional	Rchrg. battery optional (factory)
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	80 h
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)	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

## Pictograms

### STANDARD



### OPTION



### FACTORY

