

KERN IXS 100K-2LM

KERN

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

Weighing system	Strain gauge
Number of weighing ranges	2
Weighing capacity [Max]	60 kg; 150 kg
Readability [d]	0,02 kg; 0,05 kg
Reproducibility	0,02 kg; 0,05 kg
Linearity	± 0,02 kg; 0,05 kg
Minimum weight [Min]	0,4 kg; 1 kg
Resolution	3.000, 3.000
Tare range	-150 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
Load cell connection	6-wire
Units (if device is conformity assessed)	kg g
Construction type of the scale	Multi-range balance
Units	kg
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Default unit	kg
Loadcell type	DMS, silicone-coated, glued on plate

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display segments	6
Display digit height	60 mm

Construction

Dimension display device (W×D×H)	232×150×80 mm
Dimensions weighing surface (W×D)	650×500 mm
Dimensions weighing surface	650×500 mm
Dimensions weighing platform (W×D×H)	650×500×140 mm
Material weighing plate	stainless steel
Material platform	stainless steel, lacquered
Material display housing	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Wall mount	✓
Transport safety lock - bolt torque	0,1 Nm
Display device cable length	3 m
Allowed cable length display device [Max]	10 m
Platform Construction	Single-Cell
Load cells - number	1

Functions

PreTare function	✓
Recipe/summing level	Sum A
Wireless operation	no
Help function in the menu	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	30.000
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
Hold function	✓
IP protection - complete device	-
IP protection - display	IP68

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IP protection - platform	no IP protection
IP protection - load cell	IP65
Peak function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 9 min
Auto-off interval(s) in mains power mode	1 - 9 min
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 (optional, factory) Bluetooth (optional, factory) RS-485 (optional, factory)
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Power Supply

Supplied power supply	Power supply unit
Power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Power supply cable removable	fixed connection
Input voltage device / power [Max]	~220 V - 240 V AC; 50 Hz
Power socket for mains adapter	Protective contact plug
Battery / accumulator type	Pb
Rechargeable battery	6 V, 4.5 Ah
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	80 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional (factory)
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %

Approval

CE mark	✓
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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	969-517

Packing & Shipping

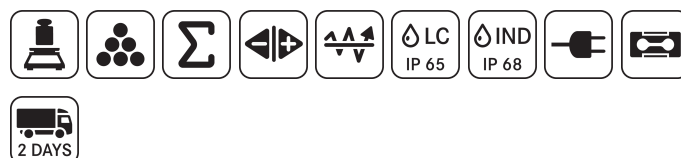
Delivery time	2 d
Dimensions packaging (W×D×H)	600×920×245 mm
Shipping method	Freight
Net weight approx.	36 kg
Gross weight approx.	38 kg
Shipping weight	38 kg

Product information

GTIN/EAN number	4045761206090
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

