

KERN IXS 100K-2LM

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



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
IP protection - platform	no IP protection
IP protection - load cell	IP65

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] (verifiable)	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
Eccentric loading at 1/3 [Max]	0,02 kg; 0,05 kg
Construction type of the scale	Multi-range balance
Units	kg
Units (if device is conformity assessed)	kg g
Load cell connection	6-wire
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
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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)

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	✓

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
Shipping volume weight	27 kg

Product information	
GTIN/EAN number	404576 1206090
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

