KERN **IXS 100K-2M**

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

Category

Brand	KERN
Product categoriy	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

Zulassung

CE mark	✓

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display segments	6
Display digit height	55 mm

Construction

Dimension display device (W×D×H)	232×151×80 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	✓
Level indicator	✓
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

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Interfaces	RS-232 (optional, factory) Bluetooth (optional, factory) 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

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

Packing & Shipping

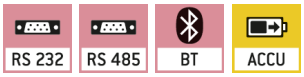
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	490×775×235 mm
Net weight	20,5 kg
Shipping method	Parcel service
Net weight approx.	22 kg
Gross weight approx.	24 kg
Shipping weight	22,96 kg

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