

KERN IXS 6K-3M

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



Approval

CE mark ✓

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) 300×240×86 mm
 Material display housing stainless steel
 Material weighing plate stainless steel
 Material platform stainless steel, lacquered
 Dimensions weighing surface (W×D) 300×240 mm
 Display device cable length 3 m
 Allowed cable length display device [Max] 3 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 ✓
 Help function in the menu ✓
 Recipe/summing level Sum A
 Interfaces RS-232 (optional, factory)
 Bluetooth (optional,

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] 3 kg; 6 kg
 Readability [d] 0,001 kg; 0,002 kg
 Resolution 3.000, 3.000
 Linearity ± 0,001 kg; 0,002 kg
 Reproducibility 0,001 kg; 0,002 kg
 Tare range -6 kg
 Default unit kg
 Units kg
 Units (if device is conformity assessed) kg
 g
 Minimum weight [Min] 0,02 kg; 0,04 kg
 Adjustment options Adjusting with external weight
 Recommended adjusting weight 6 kg (M1)
 Stabilization time 2 s
 Warm-up time 10 min; 10 min
 Eccentric loading at 1/3 [Max] 0,001 kg; 0,002 kg
 Maximum creep (15 minutes) 8 g
 Maximum creep (30 minutes) 16 g
 Loadcell type DMS, silicone-coated, glued on plate
 Load cell connection 4-wire

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	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	200 mg
Smallest piece weight when piece counting - normal conditions	2 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)	490×570×212 mm
Net weight	5,1 kg

Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	7 kg
Shipping weight	11,8 kg

Services (optional)	
Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

