KERN **IXC 10K-4**

KERN

Convenience for industry: Stainless steel platform scales with up to four interfaces and intuitive operation

Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Platform scale
Product family	IXC

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	15 kg
Readability [d]	0,0005 kg
Reproducibility	0,0005 kg
Linearity	± 0,0015 kg
Resolution	30.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	15 kg (M1)
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,0025 kg
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g
Default unit	kg
Units	kg g lb ffa PCS %
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display screen size	160×60 mm
Display segments	6
Display digit height	48 mm
Languages of the user interface	English Symbol language

Construction

Dimension display device (W×D×H)	232×150×77,3 mm
Dimensions weighing surface (W×D)	300×240 mm
Dimensions weighing surface	300×240 mm
Dimensions weighing platform (W×D×H)	300×240×109 mm
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Material display housing	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Stand rotatable	no
Stand inclinable	no
Wall mount	✓
Transport safety lock - bolt torque	0,1 Nm
Display device cable length	3 m
Allowed cable length display device [Max]	3 m
Platform Construction	Single-Cell
Load cells - number	1

Functions

PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Function for averaging under unstable weighing conditions	✓
Counting function	✓

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Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Hold function	✓
IP protection - complete device	-
IP protection - display	IP68
IP protection - platform	no IP protection
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 (optional, factory) Ethernet (optional, factory) WiFi (optional, factory) Alibi memory (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory) Bluetooth BLE (v4.0) (optional, factory) USB-Device (optional, factory)
EasyTouch (ET) - Compatibility	vollständig
EasyTouch (ET) - Connection type	KUM

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO

Input voltage power supply / power [Max]	110 V - 240 V AC
Battery / accumulator type	Li-Ion
Battery	no battery
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	48 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions

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

Approval

CE mark	✓

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

Packing & Shipping

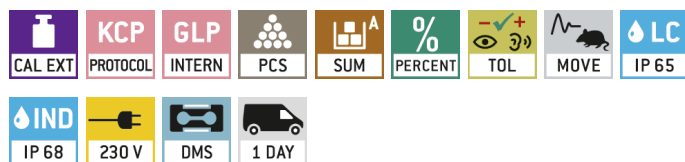|	
Delivery time	1 d
Dimensions packaging (W×D×H)	700×410×230 mm
Net weight	5,34 kg
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	8 kg
Shipping weight	13,2 kg

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Pictograms

STANDARD

CAL EXT	KCP PROTOCOL	GLP INTERN	PCS	SUM	PERCENT	TOL	MOVE	LC IP 65

IND IP 68	230 V	DMS	1 DAY

OPTION

ET	DAkkS +3 DAYS

FACTORY

ALIBI	RS 232	USB	BT	WIFI	LAN	ANALOG	ACCU