KERN IXC 60K-3



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

Construction type of the scale Weighing system Number of weighing ranges Number of weighing ranges Weighing capacity [Max] Readability [d] Reproducibility Linearity Linearity Adjustment options Recommended adjusting weight Recommended adjusting weight Stabilization time Warm-up time Eccentric loading at 1/3 [Max] Maximum creep (15 minutes) Maximum creep (30 minutes) Default unit Weight Loadcell type Load cell connection Strain gauge Ntrain gauge 1 Strain gauge 1 Adjusting weight Adjusting with external weight Adju	Measuring System	
Number of weighing ranges Weighing capacity [Max] Readability [d] Reproducibility Linearity \$\frac{1}{2}\$ 0,002 kg Resolution Adjustment options Adjusting with external weight Recommended adjusting weight Recommended adjusting weight Stabilization time 3 s Warm-up time 120 min Eccentric loading at 1/3 [Max] Maximum creep (15 minutes) Maximum creep (30 minutes) Default unit Units Coadcell type Aluminium IP65 silicone-coated	Construction type of the scale	Single-range balance
Weighing capacity [Max] 60 kg Readability [d] 0,002 kg Reproducibility 0,002 kg Linearity ± 0,006 kg Resolution 30.000 Adjustment options Adjusting with external weight Recommended adjusting weight 60 kg (M1) Stabilization time 3 s Warm-up time 120 min Eccentric loading at 1/3 [Max] 0,01 kg Maximum creep (15 minutes) 8 g Maximum creep (30 minutes) 16 g Default unit kg Units ffa PCS % Loadcell type aluminium IP65 silicone-coated	Weighing system	Strain gauge
Readability [d] 0,002 kg Reproducibility 0,002 kg Linearity ± 0,006 kg Resolution 30.000 Adjustment options Adjusting with external weight Recommended adjusting weight 60 kg (M1) Stabilization time 3 s Warm-up time 120 min Eccentric loading at 1/3 [Max] 0,01 kg Maximum creep (15 minutes) 8 g Maximum creep (30 minutes) 16 g Default unit kg Units Ib ffa PCS % Loadcell type aluminium IP65 silicone-coated	Number of weighing ranges	1
Reproducibility Linearity End of the producibility Linearity Default unit Reproducibility Default type O,002 kg E 0,006 kg Resolution 30.000 Adjusting with external weight 60 kg (M1) Stabilization time 3 s Warm-up time 120 min 120 min 0,01 kg 8 g Maximum creep (15 minutes) 8 g Maximum creep (30 minutes) 16 g Default unit Loadcell type aluminium IP65 silicone-coated	Weighing capacity [Max]	60 kg
Linearity ± 0,006 kg Resolution 30.000 Adjustment options Adjusting with external weight Recommended adjusting weight 60 kg (M1) Stabilization time 3 s Warm-up time 120 min Eccentric loading at 1/3 [Max] 0,01 kg Maximum creep (15 minutes) 8 g Maximum creep (30 minutes) 16 g Default unit kg Units Ib ffa PCS % Loadcell type aluminium IP65 silicone-coated	Readability [d]	0,002 kg
Resolution Adjustment options Adjusting with external weight Recommended adjusting weight Stabilization time 3 s Warm-up time 120 min Eccentric loading at 1/3 [Max] Maximum creep (15 minutes) Maximum creep (30 minutes) Default unit kg kg g lb ffa PCS % Loadcell type 30.000 Adjusting with external weight 60 kg (M1) 8 g 120 min 1	Reproducibility	0,002 kg
Adjusting with external weight Recommended adjusting weight Stabilization time 3 s Warm-up time 120 min Eccentric loading at 1/3 [Max] Maximum creep (15 minutes) Maximum creep (30 minutes) Default unit kg Units Units Coadcell type Adjusting with external weight 60 kg (M1) 3 s kg Maximum 120 min 120 min 16 g kg Maximum creep (15 minutes) 8 g Ib g Ib ffa PCS % Adjusting with external weight 60 kg (M1) Stabilization in the service of the s	Linearity	± 0,006 kg
Adjustment options Recommended adjusting weight 60 kg (M1) Stabilization time 3 s Warm-up time 120 min Eccentric loading at 1/3 [Max] 0,01 kg Maximum creep (15 minutes) 8 g Maximum creep (30 minutes) 16 g Default unit kg Units Units Loadcell type aluminium IP65 silicone-coated	Resolution	30.000
Stabilization time 3 s Warm-up time 120 min Eccentric loading at 1/3 [Max] 0,01 kg Maximum creep (15 minutes) 8 g Maximum creep (30 minutes) 16 g Default unit kg Units lb ffa PCS % Loadcell type aluminium IP65 silicone-coated	Adjustment options	, ,
Warm-up time 120 min Eccentric loading at 1/3 [Max] 0,01 kg Maximum creep (15 minutes) 8 g Maximum creep (30 minutes) 16 g Default unit kg Units gg Ib Ib Iffa PCS % Loadcell type aluminium IP65 silicone-coated	Recommended adjusting weight	60 kg (M1)
Eccentric loading at 1/3 [Max] 0,01 kg Maximum creep (15 minutes) 8 g Maximum creep (30 minutes) 16 g Default unit kg Units gg Ib Ib Iffa PCS % Loadcell type aluminium IP65 silicone- coated	Stabilization time	3 s
Maximum creep (15 minutes) 8 g Maximum creep (30 minutes) 16 g Default unit kg Units gg Ib ffa PCS % Loadcell type aluminium IP65 silicone- coated	Warm-up time	120 min
Maximum creep (30 minutes) Default unit Loadcell type 16 g kg g lb ffa PCS % aluminium IP65 silicone- coated	Eccentric loading at 1/3 [Max]	0,01 kg
Default unit kg kg g Ib ffa PCS % Loadcell type aluminium IP65 silicone- coated	Maximum creep (15 minutes)	8 g
Units kg g Ib ffa PCS % Loadcell type aluminium IP65 silicone- coated	Maximum creep (30 minutes)	16 g
Units g Ib Ffa PCS % Loadcell type aluminium IP65 silicone- coated	Default unit	kg
Loadcell type coated	Units	g lb ffa PCS
Load cell connection 4-wire	Loadcell type	
	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 \times D \times H)	232×150×77,3 mm
Dimensions weighing surface (W×D)	400×300 mm
Dimensions weighing surface	400×300 mm
Dimensions weighing platform (W×D×H)	400×300×117 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	✓
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	✓
Counting resolution (laboratory conditions)	30.000

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Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	2 g
Smallest piece weight when piece counting - normal conditions	20 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)
compatible with EasyTouch	✓

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-lon

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 - intern
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	✓
CE mark Services (optional)	✓
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Services (optional) Article number for adjustment at	
Services (optional) Article number for adjustment at the location of installation Article number for DAkkS	961-249
Services (optional) Article number for adjustment at the location of installation Article number for DAkkS calibration Article number for certificate of	961-249 963-129
Services (optional) Article number for adjustment at the location of installation Article number for DAkkS calibration Article number for certificate of conformity Packing & Shipping	961-249 963-129
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Services (optional) Article number for adjustment at the location of installation Article number for DAkkS calibration Article number for certificate of conformity Packing & Shipping Delivery time	961-249 963-129 969-517
Services (optional) Article number for adjustment at the location of installation Article number for DAkkS calibration Article number for certificate of conformity Packing & Shipping Delivery time Dimensions packaging (W×D×H)	961-249 963-129 969-517 1 d 465×790×220 mm
Services (optional) Article number for adjustment at the location of installation Article number for DAkkS calibration Article number for certificate of conformity Packing & Shipping Delivery time Dimensions packaging (W×D×H) Shipping method	961-249 963-129 969-517 1 d 465×790×220 mm Parcel service

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Pictograms

STANDARD















OPTION



FACTORY















