

KERN IFC 60K-3L

Robust industrial scales with up to three interfaces

KERN



Category	
Brand	KERN
Product category	Industrial scale
Product group	Platform scale
Product family	IFC
Measuring System	
Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	60 kg
Readability [d]	0,002 kg
Resolution	30.000
Linearity	± 0,008 kg
Default unit	kg
Units	kg
	g
	lb
	ffa
	PCS
Adjustment options	%
	Adjusting with external weight
	Recommended adjusting weight
	60 kg (M1)
	Possible calibration points
Stabilization time	60 kg
	3 s
	Warm-up time
	120 min
	Eccentric loading at 1/3 [Max]
Maximum creep (15 minutes)	0,01 kg
	8 g
	Maximum creep (30 minutes)
	16 g
	Loadcell type
Load cell connection	aluminium IP65 silicone-coated
	6-wire

Approval	
CE mark	✓
Display	
Display type	LCD
Display type	LCD with backlight
Display screen size	160×60 mm
Display backlight	✓
Display digit height	50 mm
Languages of the user interface	English
	Symbol language
Construction	
Dimension display device (W×D×H)	220×145×65 mm
Dimensions weighing platform (W×D×H)	500×400×124 mm
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	steel, varnished
Dimensions weighing surface (W×D)	500×400 mm
Display device cable length	3 m
Allowed cable length display device [Max]	20 m
Material load cell(s)	aluminium
Load cells - number	1
Levelling feet adjustable	✓
Wall mount	✓
Stand rotatable	no
Stand inclinable	no
Functions	
Number of keys for operation	7
Auto-off interval(s) in mains power mode	off
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
	2 min
	1 min
	30 min
	60 min
Capacity display	30 sec
	✓
	PreTare function
	✓
	Tare function
Hold function	manual (multi)
	✓
	Percentage determination
	✓
	Counting function
Tolerance weighing	✓
	✓

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Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Interfaces	RS-232 (optional) Ethernet (optional) Alibi memory (optional, factory) analogue (0 - 10 V) (optional) analogue (4 - 20 mA) (optional) Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
IP protection - platform	no IP protection

Counting

Smallest piece weight when piece counting - laboratory conditions	2 g
Smallest piece weight when piece counting - normal conditions	20 g
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Counting resolution (laboratory conditions)	30.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK

	US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	48 h
Battery	no battery
Battery / accumulator type	Li-Ion

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)	555×930×215 mm
Net weight	11 kg
Shipping method	Parcel service
Net weight approx.	11 kg
Gross weight approx.	16 kg
Shipping weight	22,2 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

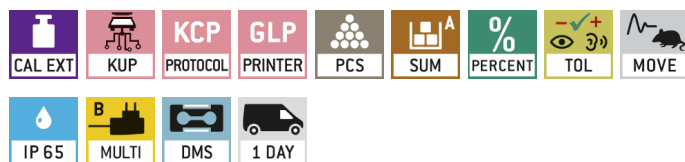
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Pictograms

STANDARD



OPTION

