KERN **IFC 600K-2**

Robust industrial scales with up to three interfaces



Category	
Brand	KERN
Product categoriy	Industrial scale
Product group	Platform scale
Product family	IFC

Measuring System	
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	600 kg
Readability [d]	0,02 kg
Reproducibility	0,02 kg
Linearity	± 0,06 kg
Resolution	30.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 kg (M1)
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,1 kg
Load cell connection	6-wire
Construction type of the scale	Single-range balance
Units	kg g lb ffa PCS %
Maximum creep (15 minutes)	80 g
Maximum creep (30 minutes)	160 g
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated

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)	220×150×66,5 mm
Dimensions weighing surface (W×D)	800×600 mm
Dimensions weighing surface	800×600 mm
Dimensions weighing platform (W×D×H)	800×600×192 mm
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Material display housing	plastic
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]	20 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	20 g
Smallest piece weight when piece counting - normal conditions	200 g
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Hold function	✓
IP protection - complete device	-
IP protection - display	no IP protection
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) 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)
compatible with EasyTouch	✓

Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
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
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	5,9V, 1A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 13 mm

Battery / accumulator type	Li-Ion
Battery	3 V CR2032
Battery capacity	220 mAh
Battery voltage	3 V
Battery – Number of cells	1
Battery – Individual weight	2,9 g
Battery – Total weight	2,9 g
Battery – Construction	Individual cells
Battery capacity (Wh)	0,66 Wh
Battery – Lithium content	64 mg
Battery – Tests passed UN 38.3	✓
Rechargeable battery	3,7 V, 3200mAh
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	✓

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkkS calibration	963-130
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	2 d

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Dimensions packaging (W×D×H)	910×710×295 mm
Shipping method	Freight
Net weight approx.	40 kg
Gross weight approx.	42 kg
Shipping weight	41,7 kg

Product information

GTIN/EAN number	4045761475694
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

