KERN **IFC 6K1DM-PREPACK**

The complete solution for prepack processes, with optional verification



Software EasyTouch
SET-17
PrePack

Date of creation: 24.10.2026

Category	
Brand	KERN
Product category	Balance software bundle
Product group	Prepack balance
Product family	IFC-Prepack

Measuring System	
Weighing system	Strain gauge
Number of weighing ranges	2
Weighing capacity [Max]	3000 g; 6000 g
Readability [d]	1 g; 2 g
Reproducibility	1 g; 2 g
Linearity	± 1 g; 2 g
Minimum weight [Min] (verifiable)	100 g; 200 g
Resolution	3.000, 3.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	1 g; 2 g
Conformity assessment possible	✓
Construction type of the scale	Multi-range balance
Units	kg g ffa PCS %
Units (if device is conformity assessed)	kg g
Load cell connection	4-wire
Default unit	g
Loadcell type	aluminium IP65 silicone-coated
Warm-up time	10 min; 10 min

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 housing (W×D×H)	163×245×80 mm
Dimensions completely mounted (W×D×H)	163×245×80 mm
Dimension display device (W×D×H)	220×150×66,5 mm
Dimensions weighing surface (W×D)	150×170 mm
Dimensions weighing surface	150×170 mm
Dimensions weighing platform (W×D×H)	300×240×109 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	✓
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	
Hold function	✓
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	no IP protection
IP protection - load cell	IP65
PreTare function	✓
Percentage determination	✓
Sum memory function	✓
Function for averaging under unstable weighing conditions	✓
Tolerance weighing	✓
Counting function	✓

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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)
Counting resolution (laboratory conditions)	6.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	1 g
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Number of keys for operation	7
Smallest piece weight when piece counting - normal conditions	10 g
Tolerance weighing - type of signal	acoustically visual

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 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	3,2 g
Battery – Total weight	3,2 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]	15 °C
Ambient temperature [Max]	35 °C
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for conformity assessment	965-228
Article number for DAkkS calibration	963-128

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Article number for certificate of conformity	969-517

Packing & Shipping

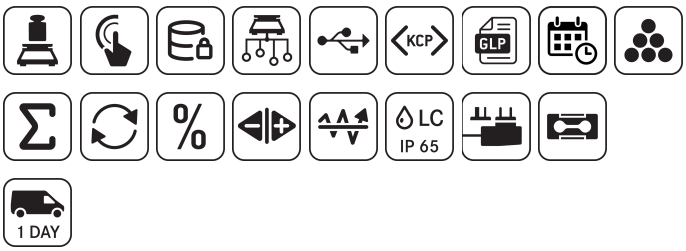
Delivery time	1 d
Dimensions packaging (W×D×H)	415×695×228 mm
Shipping method	Parcel service
Net weight approx.	2,8 kg
Gross weight approx.	3,4 kg
Shipping weight	13,2 kg
Shipping volume weight	13,2 kg

Product information

GTIN/EAN number	4045761487642
Trade number	84238129
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

