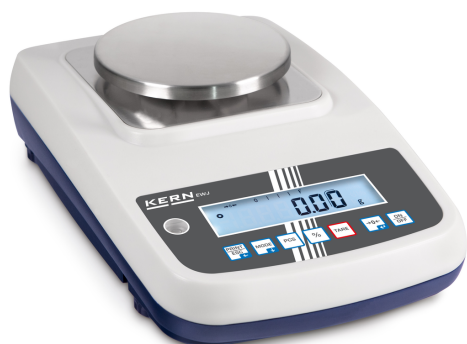


# KERN EWJ 6000-2



High-quality precision balance with automatic internal adjustment, verification optional



Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,04 g
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Loadcell type	aluminium IP65 silicone-coated

## Approval

CE mark	✓
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## Display

Display type	LCD
Display screen size	129 x 27
Display backlight	LED white
Display digit height	21 mm

## Construction

Dimension housing (W×D×H)	220×340×105 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	155×145 mm
Material load cell(s)	aluminium
Levelling feet adjustable	✓

## Functions

Number of keys for operation	7
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec

Capacity display	✓
PreTare function	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual

Function for averaging under unstable weighing conditions	✓
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Recipe/summing level	Rez A (Net total)
Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) Bluetooth BLE (v4.0)

## Category

Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	EWJ

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Readability [d]	0,01 g
Resolution	600.000
Linearity	± 0,05 g
Reproducibility	0,03 g
Default unit	g

Units	g gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa m
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Adjustment options	Internal calibration (automatic)
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Recommended adjusting weight	6 kg (E2)
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Automatic adjustment - Standard time interval	2 h
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Stabilization time	6 s
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# KERN EWJ 6000-2



High-quality precision balance with automatic internal adjustment, verification optional

	(optional, factory)
	USB-Device
IP protection - display	no IP protection
IP protection - load cell	IP65

## Counting

Smallest piece weight when piece counting - laboratory conditions	10 mg
Smallest piece weight when piece counting - normal conditions	100 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, free, Input
Counting resolution (laboratory conditions)	600.000

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
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 AUS UK US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	6,5 h
Rechargeable battery operating time - backlight on	32 h
Rechargeable battery operating time - backlight off	57 h
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

## Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	15 °C
Ambient temperature [Max]	30 °C

## Packing & Shipping

Readability force [d] (N)	1 d
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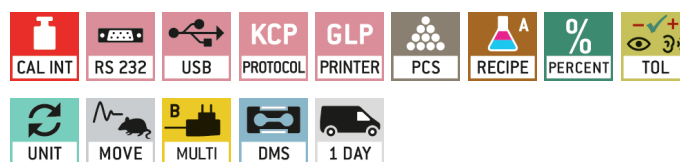
Dimensions packaging (W×D×H)	390×285×270 mm
Net weight	3,4 kg
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	4,4 kg
Shipping weight	6 kg

## Services (optional)

Article number for DAkkS calibration	963-104
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION

