

KERN EWJ 6000-2

KERN

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



Stabilization time	6 s
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	✓

Display	
Display type	LCD
Display screen size	129 x 27
Display backlight	LED white
Display digit height	21 mm
Languages of the user interface	English Symbol language

Construction	
Dimension housing (W×D×H)	340×220×105 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
	5 min
	2 min
Auto-off interval(s) in battery mode/rechargeable battery mode	1 min
	30 min
	60 min
	30 sec

Capacity display	✓
PreTare function	✓
Tare function	manual (multi)
Hold function	✓
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓

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
Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	6 kg (E2)
Possible calibration points	2 kg; 4 kg; 6 kg
Automatic adjustment - Standard time interval	2 h

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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) (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
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	2-pole tub connector

Environmental conditions

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

Ambient temperature [Max]	30 °C
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Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	420×300×280 mm
Net weight	3,15 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,6 kg
Shipping weight	7,1 kg

Services (optional)

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

Pictograms

STANDARD



OPTION

