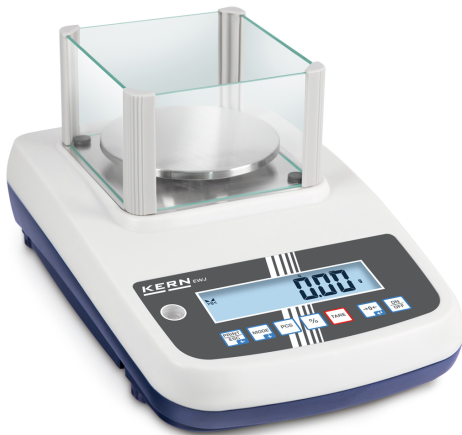


# KERN EWJ 600-2M

# KERN

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



## 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]	600 g
Readability [d]	0,01 g
Resolution	60.000
Linearity	± 0,03 g
Reproducibility	0,01 g
Tare range	599,99 g
Default unit	g
Units	g
Units (if device is conformity assessed)	g
Minimum weight [Min]	0,5 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Adjustment options	Internal calibration (automatic)
Automatic adjustment - Standard time interval	2 h
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,03 g
Loadcell type	aluminium IP65 silicone-coated

## Approval

CE mark	✓
Accuracy classe	II
Verification scale interval [e]	0,1 g
Conformity assessment possible ex works	✓

## Display

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

## Construction

Dimension housing (W×D×H)	220×340×90 mm
Dimensions rectangular draught shield - inner (W×D×H)	134×128×80 mm
Dimensions rectangular draught shield - outer (W×D×H)	144×139×81 mm
Dimensions completely mounted (W×D×H)	220×340×180 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Material draught shield	plastic, glass
Dimensions weighing surface (Ø)	120 mm
Transport safety lock - bolt torque	0,1 Nm
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	✓

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Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
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	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, free, Input
Counting resolution (laboratory conditions)	30.000

## 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	2-pole tub connector

## Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	35 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	390×280×175 mm
Net weight	3,1 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	3,6 kg
Shipping weight	3,8 kg

## Services (optional)

Article number for conformity assessment	965-216
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

