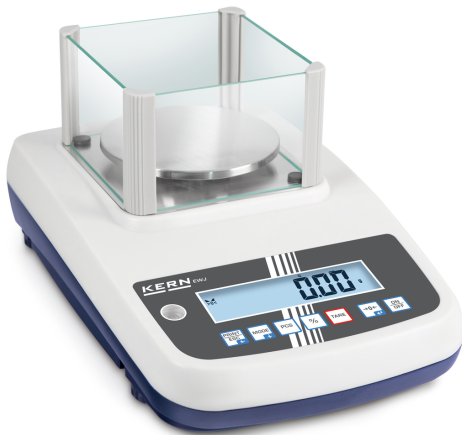


KERN EWJ 600-2SM

KERN

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



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
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	✓
Tolerance weighing - type of signal	acoustically visual

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

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

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

