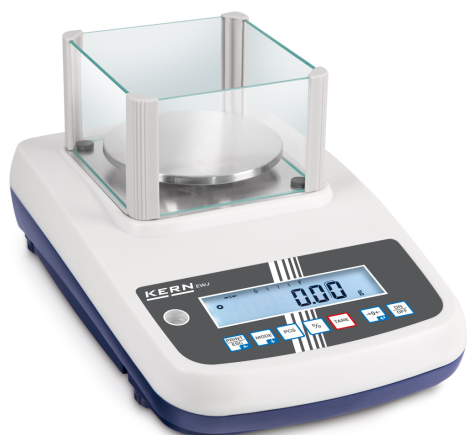


KERN EWJ 600-2M

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

Conformity assessment possible	✓
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
Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	600 g (F1)
Automatic adjustment - Standard time interval	2 h
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,03 g
Loadcell type	aluminium IP65 silicone-coated

Approval

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

Display

Display type	LCD
Display backlight	LED white
Display digit height	16,5 mm

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 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
Capacity display	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Recipe/summing level	Rez A (Net total)
Interfaces	RS-232 standard 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

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Counting reference weight can be entered	✓
Reference quantity	10, 20, 50, 100, 200
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 DC, 2500 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	12 h
Rechargeable battery operating time - backlight on	10 h
Rechargeable battery operating time - backlight off	20 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
Dimensions packaging (W×D×H)	395×280×275 mm
Net weight	3,1 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	3,6 kg
Shipping weight	6,1 kg

Services (optional)

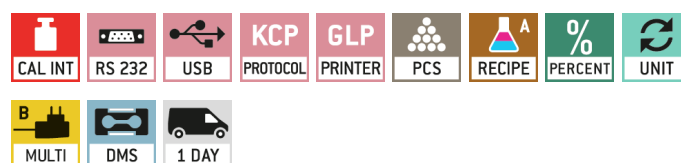
Article number for conformity assessment	965-216
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Article number for DAkkS calibration 963-127

Article number for certificate of conformity (verification) 969-517

Pictograms

STANDARD



OPTION



FACTORY

