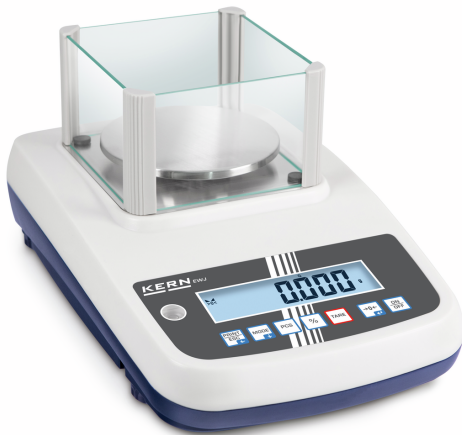


KERN EWJ 600-3

KERN

High-quality precision balance with automatic internal adjustment



Possible calibration points	200 g; 400 g; 600 g
Automatic adjustment - Standard time interval	2 h
Stabilization time	6 s
Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,004 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Loadcell type	aluminium IP65 silicone-coated

Approval	
CE mark	✓

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)	220×340×105 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	✓

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]	0,001 g
Resolution	600.000
Linearity	± 0,005 g
Reproducibility	0,003 g
Default unit	g

Units	g gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa tol m
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USP Minimum weight of sample (k = 2, U = 0.1%)	6 g
Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	600 g (E2)

KERN EWJ 600-3



High-quality precision balance with automatic internal adjustment

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	✓
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	2 mg
Smallest piece weight when piece counting - normal conditions	20 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, free, Input
Counting resolution (laboratory conditions)	300.000

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

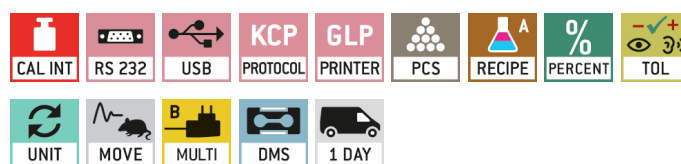
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	410×300×280 mm
Net weight	2,175 kg
Shipping method	Parcel service
Net weight approx.	2,2 kg
Gross weight approx.	4,0 kg
Shipping weight	6,9 kg

Services (optional)

Article number for DAkkS calibration	963-103
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

