## KERN EWJ 300-3H



### High-quality precision balance with automatic internal adjustment



Category	
Brand	KERN
Product categoriy	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]	300 g
Readability [d]	0,001 g
Reproducibility	0,003 g
Linearity	± 0,005 g
USP Minimum weight of sample (k = 2, U = 0.1%)	6 g
Resolution	300.000
Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	300 g (F1)
Possible calibration points	100 g; 200 g; 300 g
Automatic adjustment - Standard time interval	2 h
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,004 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Default unit	g
Units	kg g t gn dwt

	tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa tol m
Loadcell type	aluminium IP65 silicone- coated
Display	
Display type	LCD
Display backlight	1
Display screen size	129 x 27
Display digit height	21 mm
Languages of the user interface	English Symbol language
	Symbol language
Construction	
Dimension housing (W×D×H)	220×340×321 mm
Dimensions completely mounted (W×D×H)	220×340×321 mm
Dimensions rectangular draught shield - inner (W×D×H)	155×175×217 mm
Dimensions rectangular draught shield - outer (W×D×H)	180×191×230 mm
Dimensions weighing surface (Ø)	80 mm
Dimensions weighing surface	80 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Material draught shield	plastic, glass
Material load cell(s)	aluminium
Level indicator	1
Levelling feet adjustable	J
Transport safety lock - bolt torque	0,1 Nm
Functions	
PreTare function	1
Recipe/summing level	Rez A (Net total)
Percentage determination	1
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	1

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Capacity - Display	✓
Counting function	<i>s</i>
Counting resolution (laboratory conditions)	150.000
Counting reference weight can be entered	1
Smallest piece weight when piece counting - laboratory conditions	2 mg
Smallest piece weight when piece counting - normal conditions	20 mg
Reference quantity	5, 10, 20, 50, free, Input
Hold function	✓
IP protection - display	no IP protection
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec
Tare function	manual (multi)
Number of keys for operation	7

#### Interface

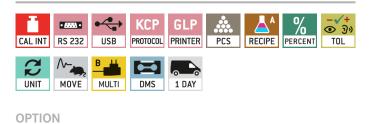
	RS-232 standard
Interfaces	Bluetooth BTC (v2.0)
	(optional, factory)
interfaces	Bluetooth BLE (v4.0)
	(optional, factory)
	USB-Device

### Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	Li-Ion
Battery connection	2-pole tub connector
Rechargeable battery operating time - backlight on	32 h
Rechargeable battery operating time - backlight off	57 h
Rechargeable battery charging time	6,5 h

Rechargeable battery optional	Rchrg. battery optional - intern
Environmental conditions	
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	35 °C
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C
Approval	
CE mark	1
Services (optional)	
Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517
Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	400×275×410 mm
Shipping method	Parcel service
Net weight approx.	3,6 kg
Gross weight approx.	6 kg
Shipping weight	9 kg
Pictograms	

#### STANDARD



DackACCU+3 DAYS

#### FACTORY

