

# KERN EWJ 3000-2

# KERN

High-quality precision balance with automatic internal adjustment



## Display

Display digit height	16,5 mm
Display backlight	LED white

## Construction

Dimension housing (W×D×H)	220×315×105 mm
Dimensions weighing surface (Ø)	135 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	stainless steel
Material load cell(s)	aluminium
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,1 Nm

## Functions

Number of keys for operation	7
Capacity display	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
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
Reference quantity	10, 20, 50, 100, 200
Counting resolution (laboratory conditions)	150.000

## 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 plug-in 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 UK US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery	PFB-A06

## Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

## Measuring System

Readability [d]	0,01 g
Weighing capacity [Max]	3000 g
Eccentric loading at 1/3 [Max]	0,05 g
USP Minimum weight of sample (k = 2, U = 0.1%)	40 g
Reproducibility	0,02 g
Linearity	± 0,05 g
Weighing system	Strain gauge
Resolution	300.000
Units	g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Internal calibration (automatic)
Loadcell type	aluminium IP65 silicone-coated
Automatic adjustment - Standard time interval	2 h

## Approval

CE mark	✓
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Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	10 h
Rechargeable battery operating time - backlight off	20 h

## Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	15 °C
Ambient temperature [Max]	35 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	390×280×270 mm
Net weight approx.	3,0 kg
Gross weight approx.	4,2 kg

## Services (optional)

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

## Piktogramme

### STANDARD



### OPTION

