

KERN EWJ 6000-1SM

KERN

High-quality precision balance with automatic internal adjustment, also with EC type approval [M]



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

Display

Display digit height	16,5 mm
Display backlight	LED white

Construction

Dimension housing (W×D×H)	215×330×105 mm
Dimensions weighing surface (W×D)	155×145 mm
Material housing	plastic
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	✓
IP protection - display	no IP protection
IP protection - load cell	IP65

Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Counting reference weight can be entered	✓
Reference quantity	10, 20, 50, 100, 200
Counting resolution (laboratory conditions)	60.000

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

Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	6000 g
Eccentric loading at 1/3 [Max]	0,3 g
Minimum weight [Min]	5 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Weighing system	Strain gauge
Resolution	60.000
Tare range	5999,9 g
Units	g
Units (if device is conformity assessed)	g
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	6 kg (F1)
Loadcell type	aluminium IP65 silicone-coated
Automatic adjustment - Standard time interval	2 h

Approval

CE mark	✓
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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	PFB-A06
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]	30 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	410×295×267 mm
Net weight approx.	3,4 kg
Gross weight approx.	4,6 kg

Services (optional)

Article number for conformity assessment	965-217
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD



OPTION



FACTORY

