

KERN EW 12000-1NM

KERN

The classic balance with robust tuning fork measuring system



Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	12000 g
Eccentric loading at 1/3 [Max]	0,3 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g
Reproducibility	0,1 g
Linearity	± 0,2 g
Weighing system	Tuning fork
Resolution	120.000
Units	g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz tol
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (F1)

Approval

CE mark	✓
Accuracy classe	II

Display

Display digit height	17 mm
Display backlight	✓

Display screen size	109×22 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	180×235×75 mm
Dimensions completely mounted (W×D×H)	180×235×75 mm
Dimensions weighing surface (W×D)	180×160 mm
Material housing	plastic
Material weighing plate	stainless steel
Levelling feet adjustable	✓

Functions

Number of keys for operation	5
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Capacity display	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Underfloor weighing	Eye (optional)
Interfaces	RS-232 standard

Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	10, 30, 50, 100
Counting resolution (laboratory conditions)	120.000

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 1 A
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
Rechargeable battery	EG-A06

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Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	12 h
Rechargeable battery operating time - backlight off	32 h

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	325×410×220 mm
Net weight approx.	3,0 kg
Gross weight approx.	4,2 kg

Services (optional)

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

Piktogramme

STANDARD



OPTION

