KERN **EW 12000-1NM**

The classic balance with robust tuning fork measuring system



Category

Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	EW

Measuring System

Weighing system	Tuning fork
Weighing capacity [Max]	12000 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,2 g
Resolution	120.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (F2)
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,3 g
Construction type of the scale	Single-range balance
Units	g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct lb oz to mom
Maximum creep (15 minutes)	1 g
Maximum creep (30 minutes)	2 g
Default unit	g

Display

Display type	LCD
Display backlight	✓
Display screen size	109×22 mm
Display digit height	17 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
Dimensions weighing surface	180×160 mm
Material housing	plastic
Material weighing plate	stainless steel
Level indicator	✓
Levelling feet adjustable	✓

Functions

Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Underfloor weighing	Eye (optional)
Capacity - Display	✓
Counting function	✓
Counting resolution (laboratory conditions)	120.000
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
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Auto-off interval(s) in mains power mode	3 min
Tare function	manual (multi)
Number of keys for operation	5

Interface

Interfaces	RS-232 standard

Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter

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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
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 1 A
Power socket for mains adapter	Hollow plug inside minus, Ø outside 5,2 mm, Ø inside 1,7 mm, long 9,4 mm
Battery / accumulator type	NiCd
Rechargeable battery	EG-A06
Rechargeable battery operating time - backlight on	12 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓

Services (optional)

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

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	325×410×220 mm
Shipping method	Parcel service
Net weight approx.	3,0 kg
Gross weight approx.	4,2 kg
Shipping weight	5,9 kg
Shipping volume weight	5,9 kg

Product information

GTIN/EAN number	4045761068810
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

