

KERN EMS 3000-2

KERN

Entry level model in the low-cost range with large weighing plate



Construction

Dimension housing (W×D×H)	200×280×48 mm
Dimensions weighing surface (W×D)	175×190 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	plastic

Functions

Number of keys for operation	5
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Recipe/summing level	Rez A (Net total)

Counting

Smallest piece weight when piece counting - laboratory conditions	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	150.000

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 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
Rechargeable battery optional	Rchrg. battery optional
Battery	9 V block
Battery operating time	40 h

Environmental conditions

Humidity of environment [Min]	40 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

Packing & Shipping

Readability force [d] (N)	1 d
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Category

Brand	KERN
Product category	Laboratory balances
Product group	School balances

Measuring System

Readability [d]	0,01 g
Weighing capacity [Max]	3000 g
Eccentric loading at 1/3 [Max]	0,05 g
Reproducibility	0,02 g
Linearity	± 0,05 g
Weighing system	Strain gauge
Resolution	300.000
Tare range	3000 g
Units	g dwt oz t oz
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (F2)
Possible calibration points	3 kg

Approval

CE mark	✓
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Display

Display digit height	25 mm
Display backlight	no
Languages of the user interface	Symbol language

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Shipping method	Parcel service
Dimensions packaging (WxDxH)	310x234x164 mm
Net weight approx.	1,6 kg
Gross weight approx.	2,0 kg

Services (optional)

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

Piktogramme

STANDARD



OPTION

