

KERN EMS 12K0.1

KERN

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



Construction

Dimension housing (W×D×H)	200×270×63 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)
IP protection - complete device	-

Counting

Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	60.000

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

Category

Brand	KERN
Product category	Laboratory balances
Product group	School balances

Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	12000 g
Eccentric loading at 1/3 [Max]	0,5 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Weighing system	Strain gauge
Resolution	120.000
Tare range	12000 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	12 kg (F2)
Possible calibration points	12 kg

Approval

CE mark	✓
---------	---

Display

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

KERN EMS 12K0.1



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

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	315×235×160 mm
Net weight approx.	1,6 kg
Gross weight approx.	2,0 kg

Services (optional)

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

Piktogramme

STANDARD



OPTION

