

KERN EMB 200-3



Entry level laboratory balance with tremendous weighing performance



Category	
Brand	KERN
Product category	Laboratory balances
Product group	School balances

Measuring System	
Readability [d]	0,001 g
Weighing capacity [Max]	200 g
Eccentric loading at 1/3 [Max]	0,005 g
Reproducibility	0,001 g
Linearity	± 0,005 g
Weighing system	Strain gauge
Resolution	200.000
Tare range	200 g
Units	g dwt oz t oz
Default unit	g
Stabilization time	2,5 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F1)
Possible calibration points	200 g

Approval	
CE mark	✓

Display	
Display digit height	15 mm
Display backlight	no
Display screen size	58×18 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	170×244×54 mm
Dimensions completely mounted (W×D×H)	170×240×92 mm
Dimensions ring-shaped draught shield - inner (Ø×H)	96×35 mm
Dimensions ring-shaped draught shield - outer (Ø×H)	105×35 mm
Dimensions weighing surface (Ø)	82 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	plastic, with conductive lacquer
Material draught shield	plastic

Functions	
Number of keys for operation	2
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Underfloor weighing	Hook
IP protection - complete device	-

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	Battery
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery	KS-A01
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight off	50 h
Battery	9 V block
Battery operating time	12 h

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

Packing & Shipping	
Readability force [d] (N)	1 d
Shipping method	Parcel service

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Dimensions packaging (W×D×H)	220×290×150 mm
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Net weight approx.	0,85 kg
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Gross weight approx.	1,4 kg
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Services (optional)

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

STANDARD



OPTION

