

KERN EMS3000-2

Entry level laboratory balance with large weighing plate



Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C
Minimum humidity:	40 %

Power supply

Battery:	9 V Block
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH US UK
Operating time:	40 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

DAkkS Certificate:	963-127
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Category

Brand:	KERN
Category:	Balances
Product Group:	School balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	310 x 234 x 164 mm
Gross weight:	1,980 kg
Net weight:	1,575 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	200 x 280 x 48 mm
Material weighing plate:	Plastic
Weighing surface (WxD):	175 x 190 mm

Piktogramme

STANDARD



OPTION



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	50 mg
Readability [d]:	10 mg
Recommended adjusting weight:	3 kg (F2)
Repeatability:	20 mg
Resolution:	300000
Stabilisation time under laboratory conditions:	3 s
Tare range:	3 kg
Warm up time:	2 h
Weighing capacity [Max]:	3 kg
Weighing system:	Strain gauge
Weighing units:	g oz dwt ozt

Display

Display digit height (large):	2,500 cm
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Counting

Counting resolution:	150000
Minimum piece weight at piece counting (Laboratory):	20 mg
Minimum piece weight at piece counting (Normal):	200 mg

Functions

Counting function:	yes
Percentage determination:	yes