

# KERN EMS12K1

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/adaptor included:	EURO CH UK US
Operating time:	40 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate: 963-128

## Category

Brand:	KERN
Category:	Balances
Product Group:	School balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	235 x 310 x 165 mm
Gross weight:	1,607 kg
Net weight:	1,200 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	200 x 275 x 50 mm
Material weighing plate:	Plastic
Weighing surface (WxD):	175 x 190 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Adjustment options:	External calibration
Linearity:	3 g
Readability [d]:	1 g
Recommended adjusting weight:	12 kg (M1)
Repeatability:	1 g
Resolution:	12000
Stabilisation time under laboratory conditions:	3 s
Tare range:	12 kg
Warm up time:	30 min
Weighing capacity [Max]:	12 kg
Weighing system:	Strain gauge
Weighing units:	g dwt oz ozt

## Display

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

Counting resolution:	6000
Minimum piece weight at piece counting (Laboratory):	2 g
Minimum piece weight at piece counting (Normal):	20 g

## Functions

Counting function:	yes
Percentage determination:	yes