

# KERN EMS6K1

Entry level laboratory balance with large weighing plate

# KERN®



## 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)

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):	310 x 240 x 160 mm
Gross weight:	1,633 kg
Net weight:	1,220 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	200 x 280 x 63 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]:	5 g
Linearity:	3 g
Readability [d]:	1 g
Recommended adjusting weight:	6 kg (M1)
Repeatability:	1 g
Resolution:	6000
Stabilisation time under laboratory conditions:	3 s
Tare range:	6 kg
Warm up time:	30 min
Weighing capacity [Max]:	6 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:	3000
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