

# KERN EMS300-3

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 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):	240 x 485 x 170 mm
Gross weight:	2,195 kg
Net weight:	1,400 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	165 x 165 x 80 mm
Dimensions housing (WxDxH):	200 x 280 x 63 mm
Overall dimensions mounted (WxDxH):	200 x 280 x 126 mm
Weighing space (WxDxH):	145 x 145 x 65 mm
Weighing surface (d):	105

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	5 mg
Readability [d]:	1 mg
Recommended adjusting weight:	300 g (F1)
Repeatability:	2 mg
Resolution:	300000
Stabilisation time under laboratory conditions:	3 s
Tare range:	300 g
Warm up time:	2 h
Weighing capacity [Max]:	300 g
Weighing system:	Strain gauge
Weighing units:	dwt ozt oz g

## Display

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

Counting resolution:	150000
Minimum piece weight at piece counting (Laboratory):	2 mg
Minimum piece weight at piece counting (Normal):	20 mg

## Functions

Counting function:	yes
Percentage determination:	yes