

KERN EMB100-3

Entry level laboratory balance with tremendous weighing performance

KERN®



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	5 mg
Readability [d]:	1 mg
Recommended adjusting weight:	100 g (F1)
Repeatability:	1 mg
Resolution:	100000
Stabilisation time under laboratory conditions:	2,500 s
Tare range:	100 g
Warm up time:	2 h
Weighing capacity [Max]:	100 g
Weighing system:	Strain gauge
Weighing units:	ozt g oz dwt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Operating time:	12 h
Operating time (Backlight off):	50 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):	220 x 290 x 147 mm
Gross weight:	1,210 kg
Net weight:	830 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÅxH):	105 35
Dimensions housing (WxDxH):	170 x 244 x 54 mm
Overall dimensions mounted (WxDxH):	170 x 240 x 92 mm
Weighing space (ÅxH):	96 35
Weighing surface (d):	82

Piktogramme

STANDARD



OPTION



KERN EMB 1000-2

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	50 mg
Readability [d]:	10 mg
Recommended adjusting weight:	1 kg (F1)
Repeatability:	10 mg
Resolution:	100000
Stabilisation time under laboratory conditions:	2,500 s
Tare range:	1 kg
Warm up time:	2 h
Weighing capacity [Max]:	1 kg
Weighing system:	Strain gauge
Weighing units:	ozt g oz dwt

Display

Display digit height (large):	1,500 cm
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	12 h
Operating time (Backlight off):	50 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):	220 x 290 x 150 mm
Gross weight:	1,250 kg
Net weight:	860 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION



KERN EMB1200-1

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	1 kg (M1)
Repeatability:	100 mg
Resolution:	12000
Stabilisation time under laboratory conditions:	3 s
Tare range:	1,200 kg
Warm up time:	30 min
Weighing capacity [Max]:	1,200 kg
Weighing system:	Strain gauge
Weighing units:	ozt g oz dwt

Display

Display digit height (large):	1,600 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	40 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation: 961-247

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):	204 x 267 x 70 mm
Gross weight:	690 g
Net weight:	520 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 245 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION



KERN EMB 200-2

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	30 mg
Linearity:	20 mg
Readability [d]:	10 mg
Recommended adjusting weight:	200 g (M1)
Repeatability:	10 mg
Resolution:	20000
Stabilisation time under laboratory conditions:	2,500 s
Tare range:	200 g
Warm up time:	30 min
Weighing capacity [Max]:	200 g
Weighing system:	Strain gauge
Weighing units:	ozt g oz dwt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	12 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation: 961-247

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):	210 x 267 x 89 mm
Gross weight:	670 g
Net weight:	480 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	105

Piktogramme

STANDARD



OPTION



KERN EMB 200-3

Entry level laboratory balance with tremendous weighing performance

KERN®



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	5 mg
Readability [d]:	1 mg
Recommended adjusting weight:	200 g (F1)
Repeatability:	1 mg
Resolution:	200000
Stabilisation time under laboratory conditions:	2,500 s
Tare range:	200 g
Warm up time:	2 h
Weighing capacity [Max]:	200 g
Weighing system:	Strain gauge
Weighing units:	g oz dwt ozt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Operating time:	12 h
Operating time (Backlight off):	50 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

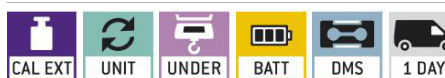
Delivery:	24 h
Dimensions packaging (WxDxH):	220 x 290 x 150 mm
Gross weight:	1,210 kg
Net weight:	830 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÅxH):	105 35
Dimensions housing (WxDxH):	170 x 244 x 54 mm
Overall dimensions mounted (WxDxH):	170 x 240 x 92 mm
Weighing space (ÅxH):	96 35
Weighing surface (d):	82

Piktogramme

STANDARD



OPTION



KERN EMB 2000-2

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	50 mg
Readability [d]:	10 mg
Recommended adjusting weight:	2 kg (F1)
Repeatability:	10 mg
Resolution:	200000
Stabilisation time under laboratory conditions:	2,500 s
Tare range:	2 kg
Warm up time:	2 h
Weighing capacity [Max]:	2 kg
Weighing system:	Strain gauge
Weighing units:	g oz dwt ozt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	12 h
Operating time (Backlight off):	50 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):	220 x 290 x 150 mm
Gross weight:	1,250 kg
Net weight:	860 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION



KERN EMB 2200-0

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	3 g
Linearity:	2 g
Readability [d]:	1 g
Recommended adjusting weight:	2 kg (M1)
Repeatability:	1 g
Resolution:	2200
Stabilisation time under laboratory conditions:	2,500 s
Tare range:	2,200 kg
Warm up time:	10 min
Weighing capacity [Max]:	2,200 kg
Weighing system:	Strain gauge
Weighing units:	ozt g oz dwt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	2x1.5 V AA
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	400 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation: 961-247

DAkkS Certificate: 963-127

Category

Brand:	KERN
Category:	Balances
Product Group:	School balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	226 x 205 x 70 mm
Gross weight:	690 g
Net weight:	520 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION



KERN EMB 3000-1

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	3 kg (M1)
Repeatability:	100 mg
Resolution:	30000
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):	1,500 cm
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Functions

Suspended weighing:	Loop
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	12 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation: 961-247

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):	265 x 207 x 116 mm
Gross weight:	690 g
Net weight:	520 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 245 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION



KERN EMB500-1

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	200 mg
Readability [d]:	100 mg
Recommended adjusting weight:	500 g (M1)
Repeatability:	100 mg
Resolution:	5000
Stabilisation time under laboratory conditions:	3 s
Tare range:	500 g
Warm up time:	10 min
Weighing capacity [Max]:	500 g
Weighing system:	Strain gauge
Weighing units:	ozt g oz dwt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	35 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation: 961-247

DAkkS Certificate: 963-127

Category

Brand:	KERN
Category:	Balances
Product Group:	School balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	265 x 200 x 65 mm
Gross weight:	690 g
Net weight:	520 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION



KERN EMB500-1BE

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	200 mg
Readability [d]:	100 mg
Recommended adjusting weight:	500 g (M2)
Repeatability:	100 mg
Resolution:	5000
Stabilisation time under laboratory conditions:	3 s
Tare range:	500 g
Warm up time:	10 min
Weighing capacity [Max]:	500 g
Weighing system:	Strain gauge
Weighing units:	g oz dwt ozt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	35 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation: 961-247

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):	205 x 266 x 75 mm
Gross weight:	690 g
Net weight:	520 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION



KERN EMB5.2K1

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	3 g
Linearity:	3 g
Readability [d]:	1 g
Recommended adjusting weight:	5 kg (M1)
Repeatability:	1 g
Resolution:	5200
Stabilisation time under laboratory conditions:	3 s
Tare range:	5,200 kg
Warm up time:	10 min
Weighing capacity [Max]:	5,200 kg
Weighing system:	Strain gauge
Weighing units:	ozt g oz dwt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	40 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
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Category

Brand:	KERN
Category:	Balances
Product Group:	School balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	205 x 265 x 70 mm
Gross weight:	690 g
Net weight:	520 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION



KERN EMB5.2K5

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	10 g
Linearity:	10 g
Readability [d]:	5 g
Recommended adjusting weight:	5 kg (M1)
Repeatability:	5 g
Resolution:	1040
Stabilisation time under laboratory conditions:	2,500 s
Tare range:	5,200 kg
Warm up time:	10 min
Weighing capacity [Max]:	5,200 kg
Weighing system:	Strain gauge
Weighing units:	ozt g oz dwt

Display

Display digit height (large):	1,600 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	0 °C

Power supply

Battery:	2x1.5 V AA
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	40 h
Operating time (Backlight off):	50 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):	205 x 264 x 67 mm
Gross weight:	690 g
Net weight:	520 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION



KERN EMB600-2

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	30 mg
Linearity:	30 mg
Readability [d]:	10 mg
Recommended adjusting weight:	500 g (F2)
Repeatability:	10 mg
Resolution:	60000
Stabilisation time under laboratory conditions:	2,500 s
Tare range:	600 g
Warm up time:	2 h
Weighing capacity [Max]:	600 g
Weighing system:	Strain gauge
Weighing units:	ozt g oz dwt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	12 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchg. battery optional

Services (optional)

Adjustment at the location of installation: 961-247

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):	210 x 265 x 90 mm
Gross weight:	670 g
Net weight:	480 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	105

Piktogramme

STANDARD



OPTION



KERN EMB 6000-1

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	5 kg (M1)
Repeatability:	100 mg
Resolution:	60000
Stabilisation time under laboratory conditions:	3 s
Tare range:	6 kg
Warm up time:	2 h
Weighing capacity [Max]:	6 kg
Weighing system:	Strain gauge
Weighing units:	g oz dwt ozt

Display

Display digit height (large):	1,500 cm
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Functions

Suspended weighing:	Hook
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Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Mains adapter:	Mains adapter external
Operating time:	12 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
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Category

Brand:	KERN
Category:	Balances
Product Group:	School balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	200 x 265 x 66 mm
Gross weight:	690 g
Net weight:	520 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	170 x 244 x 39 mm
Material weighing plate:	Plastic
Weighing surface (d):	150

Piktogramme

STANDARD



OPTION

