KERN EMS12K0.1

Entry level laboratory balance with large weighing plate





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	12 kg (F2)
Repeatability:	100 mg
Resolution:	120000
Stabilisation time under laboratory conditions:	3 s
Tare range:	12 kg
Warm up time:	2 h
Weighing capacity [Max]:	12 kg
Weighing system:	Strain gauge
Weighing units:	oz ozt g dwt
Display	
Display digit height (large):	2,500 cm
Counting	
Counting resolution:	60000
Mininum piece weight at piece counting (Laboratory:	200 mg
Mininum piece weight at piece counting (Normal):	2 g
Functions	
Counting function:	yes
Percentage determination:	yes

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:	US UK EURO CH
Operating time:	40 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
DAkkS Certificate:	963-128
Category	
Brand:	KERN
Category:	Balances
Product Group:	School balance
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	315 x 235 x 160 mm
Gross weight:	1,870 kg
Net weight:	1,450 kg
Shipping method:	Parcel service
Construction	
Casing material:	Plastic
Dimensions housing (WxDxH):	200 x 270 x 63 mm
Material weighing plate:	Plastic
Weighing surface (WxD):	175 x 190 mm
Piktogramme	
STANDARD	



OPTION

DAkks +3 days

KERN EMS6K0.1

Entry level laboratory balance with large weighing plate





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	6 kg (F2)
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:	oz ozt g dwt
Display	
Display digit height (large):	2,500 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	200 mg
Mininum piece weight at piece counting (Normal):	2 g
Functions	
Counting function:	yes
Percentage determination:	yes

Environmental conditions	80 %
Maximum humidity:	80 % 35 °C
Maximum operating temperature:	
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:	US UK EURO CH
Operating time:	40 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installat	ion:961-248
DAkkS Certificate:	
DARKS Certificate.	963-128
Category	963-128
	963-128 KERN
Category	
Category Brand:	KERN
Category Brand: Category:	KERN Balances
Category Brand: Category: Product Group:	KERN Balances
Category Brand: Category: Product Group: Packaging & shipping	KERN Balances School balance
Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances School balance 24 h
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances School balance 24 h 235 x 310 x 160 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances School balance 24 h 235 x 310 x 160 mm 1,620 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances School balance 24 h 235 x 310 x 160 mm 1,620 kg 1,193 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances School balance 24 h 235 x 310 x 160 mm 1,620 kg 1,193 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances School balance 24 h 235 x 310 x 160 mm 1,620 kg 1,193 kg Parcel service
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances School balance 24 h 235 x 310 x 160 mm 1,620 kg 1,193 kg Parcel service Plastic



OPTION

DAkkS +3 DAYS

KERN EMS300-3

Entry level laboratory balance with large weighing plate





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:	3s
Tare range:	300 g
Warm up time:	2 h
Weighing capacity [Max]:	300 g
Weighing system:	Strain gauge
Weighing units:	oz ozt g dwt
Display	
Display digit height (large):	2,500 cm
Counting	
Counting resolution:	150000
Mininum piece weight at piece counting (Laboratory:	2 mg
Mininum piece weight at piece counting (Normal):	20 mg
Functions	
Counting function:	yes
Percentage determination:	yes

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:	US UK EURO CH
Operating time:	40 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
DAkkS Certificate:	963-127
	000 121
Category	
Brand:	KERN
Category:	Balances
Product Group:	School balance
Packaging & shipping	
Packaging & shipping Delivery:	24 h
	24 h 240 x 485 x 170 mm
Delivery:	
Delivery: Dimensions packaging (WxDxH):	240 x 485 x 170 mm
Delivery: Dimensions packaging (WxDxH): Gross weight:	240 x 485 x 170 mm 2,195 kg
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	240 x 485 x 170 mm 2,195 kg 1,400 kg
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	240 x 485 x 170 mm 2,195 kg 1,400 kg
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	240 x 485 x 170 mm 2,195 kg 1,400 kg Parcel service
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	240 x 485 x 170 mm 2,195 kg 1,400 kg Parcel service Plastic
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH):	240 x 485 x 170 mm 2,195 kg 1,400 kg Parcel service Plastic 165 x 165 x 80 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	240 x 485 x 170 mm 2,195 kg 1,400 kg Parcel service Plastic 165 x 165 x 80 mm 200 x 280 x 63 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Overall dimensions mounted	240 x 485 x 170 mm 2,195 kg 1,400 kg Parcel service Plastic 165 x 165 x 80 mm 200 x 280 x 63 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Overall dimensions mounted (WxDxH):	240 x 485 x 170 mm 2,195 kg 1,400 kg Parcel service Plastic 165 x 165 x 80 mm 200 x 280 x 63 mm 200 x 280 x 126 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Overall dimensions mounted (WxDxH): Weighing space (WxDxH):	240 x 485 x 170 mm 2,195 kg 1,400 kg Parcel service Plastic 165 x 165 x 80 mm 200 x 280 x 63 mm 200 x 280 x 126 mm 145 x 145 x 65 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Dimensions housing (WxDxH): Overall dimensions mounted (WxDxH): Weighing space (WxDxH): Weighing surface (d): Piktogramme	240 x 485 x 170 mm 2,195 kg 1,400 kg Parcel service Plastic 165 x 165 x 80 mm 200 x 280 x 63 mm 200 x 280 x 126 mm 145 x 145 x 65 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Dimensions housing (WxDxH): Overall dimensions mounted (WxDxH): Weighing space (WxDxH): Weighing surface (d): Piktogramme STANDARD	240 x 485 x 170 mm 2,195 kg 1,400 kg Parcel service Plastic 165 x 165 x 80 mm 200 x 280 x 63 mm 200 x 280 x 126 mm 145 x 145 x 65 mm

OPTION

DAkks +3 days

KERN **EMS3000-2**

Entry level laboratory balance with large weighing plate





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:	oz ozt g dwt
Display	
Display digit height (large):	2,500 cm
Counting	
Counting resolution:	150000
Mininum piece weight at piece counting (Laboratory:	20 mg
Mininum piece weight at piece counting (Normal):	200 mg
Functions	
Counting function:	yes
Percentage determination:	yes

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:	US UK EURO CH
Operating time:	40 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
DAkkS Certificate:	963-127
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	



OPTION

DAkks +3 days

KERN EMS6K1

Entry level laboratory balance with large weighing plate





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:	ozt g oz dwt
Display	
Display digit height (large):	2,500 cm
Counting	
Counting resolution:	3000
Mininum piece weight at piece counting (Laboratory:	2 g
Mininum piece weight at piece counting (Normal):	20 g
Functions	
Counting function:	yes
Percentage determination:	yes

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 UK US
Operating time:	40 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installation	n: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
	Parcel service
Shipping method:	
Shipping method: Construction	
	Plastic
Construction	Plastic 200 x 280 x 63 mm
Construction Casing material:	
Construction Casing material: Dimensions housing (WxDxH):	200 x 280 x 63 mm

STANDARD CAL EXT PCS RECIPE PERCENT UNIT BATT MULTI DMS 1 DAY

OPTION

DAkks +3 Days

KERN EMS12K1

Entry level laboratory balance with large weighing plate





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g
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:	ozt g oz dwt
Display	
Display digit height (large):	2,500 cm
Counting	
Counting resolution:	6000
Mininum piece weight at piece counting (Laboratory:	2 g
Mininum piece weight at piece counting (Normal):	20 g
Functions	
Counting function:	yes
Percentage determination:	yes

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 UK US
Operating time:	40 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installati	on: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	



OPTION

DAkkS +3 DAYS

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