

KERN EMB 2000-0SS05



The space miracle - stackable school balance for experiment-based teaching, now also as a high-resolution variant



Measuring system

| | |
|---|----------------------|
| Adjustment options: | External calibration |
| Eccentric loading at 1/3 [Max]: | 3 g |
| Linearity: | 3 g |
| Readability [d]: | 1 g |
| Recommended adjusting weight: | 2000 g (M1) |
| Repeatability: | 2 g |
| Resolution: | 2000 |
| Stabilisation time under laboratory conditions: | 2,500 s |
| Tare range: | 2 kg |
| Warm up time: | 10 min |
| Weighing capacity [Max]: | 2 kg |
| Weighing system: | Strain gauge |
| Weighing units: | g oz dwt ozt |

Display

| | |
|-------------------------------|----------|
| Display digit height (large): | 1,500 cm |
|-------------------------------|----------|

Functions

| | |
|-------------------|-----|
| Capacity display: | yes |
|-------------------|-----|

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: | 35 h |
| Operating time (Backlight off): | 50 h |

Services (optional)

Adjustment at the location of installation: 961-247

| | |
|--------------------|---------|
| DAkkS Certificate: | 963-127 |
|--------------------|---------|

Category

| | |
|----------------|----------------|
| Brand: | KERN |
| Product Group: | School balance |

Packaging & shipping

| | |
|-------------------------------|--------------------|
| Delivery: | 24 h |
| Dimensions packaging (WxDxH): | 230 x 175 x 260 mm |
| Gross weight: | 2,500 kg |
| Net weight: | 2 kg |
| Shipping method: | Parcel service |

Construction

| | |
|-----------------------------|-------------------|
| Casing material: | Plastic |
| Dimensions housing (WxDxH): | 145 x 205 x 45 mm |
| Material weighing plate: | Plastic |
| Weighing surface (d): | 120 |

Piktogramme

STANDARD



OPTION



KERN EMB500-1SS05



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Measuring system

| | |
|---|----------------------|
| Adjustment options: | External calibration |
| Eccentric loading at 1/3 [Max]: | 500 mg |
| Linearity: | 300 mg |
| Readability [d]: | 100 mg |
| Recommended adjusting weight: | 500 g (M2) |
| Repeatability: | 200 mg |
| Resolution: | 5000 |
| Stabilisation time under laboratory conditions: | 2,500 s |
| Tare range: | 500 g |
| Warm up time: | 10 min |
| Weighing capacity [Max]: | 500 g |
| Weighing system: | Strain gauge |
| Weighing units: | dwt ozt oz g |

Display

| | |
|-------------------------------|----------|
| Display digit height (large): | 1,500 cm |
|-------------------------------|----------|

Functions

| | |
|-------------------|-----|
| Capacity display: | yes |
|-------------------|-----|

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: | 35 h |
| Operating time (Backlight off): | 50 h |

Services (optional)

Adjustment at the location of installation: 961-247

| | |
|--------------------|---------|
| DAkkS Certificate: | 963-127 |
|--------------------|---------|

Category

| | |
|----------------|----------------|
| Brand: | KERN |
| Product Group: | School balance |

Packaging & shipping

| | |
|-------------------------------|-------------------|
| Delivery: | 24 h |
| Dimensions packaging (WxDxH): | 210 x 267 x 89 mm |
| Gross weight: | 2,500 kg |
| Net weight: | 2 kg |
| Shipping method: | Parcel service |

Construction

| | |
|-----------------------------|-------------------|
| Casing material: | Plastic |
| Dimensions housing (WxDxH): | 145 x 205 x 45 mm |
| Material weighing plate: | Plastic |
| Weighing surface (d): | 120 |

Piktogramme

STANDARD



OPTION



KERN EMB500-2S



The space miracle - stackable school balance for experiment-based teaching, now also as a high-resolution variant



Power supply

| | |
|---------------------------------|------------------------|
| Battery: | 2x1.5 V AA |
| Charging time: | 10 h |
| Input voltage: | 230 V AC 50 Hz |
| Mains adapter: | Mains adapter external |
| Operating time: | 35 h |
| Operating time (Backlight off): | 50 h |

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): | 230 x 170 x 55 mm |
| Gross weight: | 499,100 g |
| Net weight: | 357,200 g |
| Shipping method: | Parcel service |

Construction

| | |
|-----------------------------|-------------------|
| Casing material: | Plastic |
| Dimensions housing (WxDxH): | 145 x 205 x 40 mm |
| Material weighing plate: | Plastic |
| Weighing surface (d): | 120 |

Piktogramme

STANDARD



OPTION



Measuring system

| | |
|---|----------------------|
| Adjustment options: | External calibration |
| Eccentric loading at 1/3 [Max]: | 50 mg |
| Linearity: | 30 mg |
| Number of weighing ranges: | 1 |
| Readability [d]: | 10 mg |
| Recommended adjusting weight: | 500 g (F2) |
| Repeatability: | 20 mg |
| Resolution: | 50000 |
| Stabilisation time under laboratory conditions: | 2,500 s |
| Tare range: | 500 g |
| Warm up time: | 3 min |
| Weighing capacity [Max]: | 500 g |
| Weighing system: | Strain gauge |
| Weighing units: | g oz dwt ozt |

Display

| | |
|-------------------------------|----------|
| Display digit height (large): | 1,500 cm |
|-------------------------------|----------|

Functions

| | |
|-------------------|-----|
| Capacity display: | yes |
|-------------------|-----|

Environmental conditions

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

KERN EMB 5000-0SS05



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Power supply

| | |
|---------------------------------|------------------------|
| Battery: | 2x1.5 V AA |
| Charging time: | 10 h |
| Mains adapter: | Mains adapter external |
| Operating time: | 35 h |
| Operating time (Backlight off): | 50 h |

Services (optional)

Adjustment at the location of installation: 961-247

DAkkS Certificate: 963-127

Category

| | |
|----------------|----------------|
| Brand: | KERN |
| Product Group: | School balance |

Packaging & shipping

| | |
|-------------------------------|-------------------|
| Delivery: | 24 h |
| Dimensions packaging (WxDxH): | 210 x 267 x 89 mm |
| Gross weight: | 2,500 kg |
| Net weight: | 2 kg |
| Shipping method: | Parcel service |

Construction

| | |
|-----------------------------|-------------------|
| Casing material: | Plastic |
| Dimensions housing (WxDxH): | 145 x 205 x 45 mm |
| Material weighing plate: | Plastic |
| Weighing surface (d): | 120 |

Piktogramme

STANDARD



OPTION



Measuring system

| | |
|---|----------------------|
| Adjustment options: | External calibration |
| Eccentric loading at 1/3 [Max]: | 3 g |
| Linearity: | 3 g |
| Readability [d]: | 1 g |
| Recommended adjusting weight: | 5000 g (M1) |
| Repeatability: | 2 g |
| Resolution: | 5000 |
| Stabilisation time under laboratory conditions: | 2,500 s |
| Tare range: | 5 kg |
| Warm up time: | 10 min |
| Weighing capacity [Max]: | 5 kg |
| Weighing system: | Strain gauge |
| Weighing units: | g oz dwt ozt |

Display

| | |
|-------------------------------|----------|
| Display digit height (large): | 1,500 cm |
|-------------------------------|----------|

Functions

| | |
|-------------------|-----|
| Capacity display: | yes |
|-------------------|-----|

Environmental conditions

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|--------------------------------|-------|
| Maximum humidity: | 80 % |
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