

# KERN EMB500-1

Entry level laboratory balance with tremendous weighing performance



## Measuring system

|   |                      |
|---|----------------------|
| Adjustment options:                             | External calibration |
| 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                  |
| Warm up time:                                   | 10 min               |
| Weighing capacity [Max]:                        | 500 g                |
| Weighing system:                                | Strain gauge         |
| Weighing units:                                 | dwt g oz ozt         |

## Display

|                       |          |
|-----------------------|----------|
| Display digit height: | 1,500 cm |
|-----------------------|----------|

## Functions

|                     |      |
|---------------------|------|
| Suspended weighing: | Hook |
|---------------------|------|

## 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 |

## Service

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

