

# KERN EMB 500-1

Entry level laboratory balance with tremendous weighing performance



## Article codes, product groups & Status information

|                       |                     |
|-----------------------|---------------------|
| Model article-code    | EMB 500-1           |
| Model-Serie           | EMB                 |
| Assortment            | KERN                |
| Product Type          | Laboratory balances |
| Product group         | School balances     |
| Product usage type    | Main article        |
| EAN code (Model)      | 4045761076525       |
| Planned start date    | 2006-1HJ            |
| Customs tariff number | 84238129            |
| CE Label              | Yes                 |

## Technical data - Primary

|                              |            |
|------------------------------|------------|
| Weighing capacity            | 500 g      |
| Readability                  | 0.1 g      |
| Repeatability                | 0.1 g      |
| Linearity                    | ± 0.2 g    |
| Weighing surface (d)         | 150 mm     |
| Recommended adjusting weight | 500 g (M1) |

## Technical data - Construction

|                         |               |
|-------------------------|---------------|
| Dimensions of housing   | 170×244×39 mm |
| Material weighing plate | Plastic       |
| Casing material         | Plastic       |
| Weighing surface (d)    | 150 mm        |

## Technical data - Display

|                |       |
|----------------|-------|
| Display height | 15 mm |
|----------------|-------|

|           |    |
|-----------|----|
| Backlight | No |
|-----------|----|

## Technical data - Power supply

|                |           |
|----------------|-----------|
| Battery        | 9 V Block |
| Operating time | 35 h      |

## Technical data - Measuring system

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Calibration method                             | Adjusting with external weight |
| Linearity                                      | ± 0.2 g                        |
| Readability                                    | 0.1 g                          |
| Recommended adjusting weight                   | 500 g (M1)                     |
| Repeatability                                  | 0.1 g                          |
| Stabilisation time under laboratory conditions | 3 s                            |
| Tare range                                     | 500 g                          |
| Warm up time                                   | 10 min                         |
| Weighing system                                | Strain gauge                   |
| Weighing units                                 | Dwt;g;oz;ozt                   |

## Technical data - Environmental conditions

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

## Technical data - Packing & Shipping

|                              |               |
|------------------------------|---------------|
| Dimensions packaging (W×D×H) | 265×200×65 mm |
|------------------------------|---------------|

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Gross weight 0.70 kg

Net weight 0.55 kg

Shipping method Parcel service

Packaging component - by weight - paper 5 g

Packaging component - by weight - cardboard 720 g

Packaging component - by weight - plastics 5 g

Packaging component - by weight - styrofoam 98 g

Packaging component - by weight - foam 23 g

Delivery time 1 d

## Optional Services

DAkkS Calibration 963-127

## Functions

### Standard



### Option

