

# KERN EMB 2000-2

**KERN**

Entry level laboratory balance with tremendous weighing performance



|                                 |                 |
|---------------------------------|-----------------|
| Display backlight               | no              |
| Display screen size             | 58×18 mm        |
| Display digit height            | 15 mm           |
| Languages of the user interface | Symbol language |

## Construction

|                                 |               |
|---------------------------------|---------------|
| Dimension housing (W×D×H)       | 170×244×39 mm |
| Dimensions weighing surface (Ø) | 150 mm        |
| Dimensions weighing surface     | 150 mm        |
| Material housing                | plastic       |
| Material weighing plate         | plastic       |
| Material display housing        | plastic       |

## Functions

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Underfloor weighing                                            | Hook (included in delivery) |
| IP protection - complete device                                | -                           |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min                       |
| Tare function                                                  | manual (multi)              |
| Number of keys for operation                                   | 2                           |

## Power Supply

|                                                         |                                                                          |
|---------------------------------------------------------|--------------------------------------------------------------------------|
| Supplied power supply                                   | Battery                                                                  |
| Power supply type                                       | Power adapter                                                            |
|                                                         | EURO                                                                     |
| Plug-in power supply / adapter for countries - optional | UK<br>US<br>CH                                                           |
| Input voltage device / power [Max]                      | 9 V, 300 mA                                                              |
| Power socket for mains adapter                          | Hollow plug, inside minus, Ø inside 2,1 mm, Ø outside 5,5 mm, long 12 mm |
| Battery / accumulator type                              | Alkali(-Manganese)                                                       |
| Battery                                                 | 9 V block                                                                |
| Battery connection                                      | Pad + Spring                                                             |
| Battery operating time                                  | 16 h                                                                     |
| Battery voltage                                         | 9 V                                                                      |
| Battery - Number of cells                               | 1                                                                        |
| Battery - Individual weight                             | 45,5 g                                                                   |
| Battery - Total weight                                  | 45,5 g                                                                   |
| Rechargeable battery                                    | KS-A01                                                                   |
| Rechargeable battery operating time - backlight off     | 50 h                                                                     |
| Rechargeable battery charging time                      | 10 h                                                                     |
| Rechargeable battery optional                           | Rchrg. battery optional                                                  |
| Battery/Accu connected                                  | not connected, enclosed                                                  |

## Category

|                  |                    |
|------------------|--------------------|
| Brand            | KERN               |
| Product category | Laboratory balance |
| Product group    | School balance     |
| Product family   | EMB                |

## Measuring System

|                                |                                |
|--------------------------------|--------------------------------|
| Weighing system                | Strain gauge                   |
| Weighing capacity [Max]        | 2000 g                         |
| Readability [d]                | 0,01 g                         |
| Reproducibility                | 0,01 g                         |
| Linearity                      | ± 0,05 g                       |
| Resolution                     | 200.000                        |
| Tare range                     | 2000 g                         |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 2 kg (F1)                      |
| Possible calibration points    | 2 kg                           |
| Stabilization time             | 2,5 s                          |
| Warm-up time                   | 120 min                        |
| Eccentric loading at 1/3 [Max] | 0,05 g                         |
| Construction type of the scale | Single-range balance           |
| Units                          | g<br>dwt<br>ozt<br>oz          |
| Maximum creep (15 minutes)     | 100 mg                         |
| Maximum creep (30 minutes)     | 200 mg                         |
| Default unit                   | g                              |

## Display

|              |     |
|--------------|-----|
| Display type | LCD |
|--------------|-----|

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## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | 5 °C   |
| Ambient temperature [Max]     | 35 °C  |
| Humidity of environment [Max] | 80 %   |
| Storage temperature [Min]     | -20 °C |
| Storage temperature [Max]     | 60 °C  |

## Approval

|         |   |
|---------|---|
| CE mark | ✓ |
|---------|---|

## Services (optional)

|                                              |         |
|----------------------------------------------|---------|
| Article number for DAkkS calibration         | 963-127 |
| Article number for certificate of conformity | 969-517 |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 220×290×150 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 0,90 kg        |
| Gross weight approx.         | 1,4 kg         |
| Shipping weight              | 1,9 kg         |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761111363            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION

