# KERN **EHA 1000-1**

The compact all-round model with robust stainless steel weighing plate for use in laboratories, industries, and for teaching

**KERN**

## Approval

| | |
|---|---|
| CE mark | ✓ |

## Display

| | |
|---|---|
| Display type | LCD |
| Display screen size | 75×32 mm |
| Display backlight | ✓ |
| Display digit height | 22 mm |
| Languages of the user interface | Symbol language |

## Construction

| | |
|---|---|
| Dimension housing (W×D×H) | 225×160×50 mm |
| Dimensions weighing platform (W×D×H) | 120×120×7 mm |
| Material display housing | Plastics |
| Material housing | ABS plastic |
| Material weighing plate | stainless steel |
| Material platform | Plastics |
| Dimensions weighing surface (W×D) | 120×120 mm |
| Material load cell(s) | aluminium |
| Levelling feet adjustable | ✓ |

## Category

| | |
|---|---|
| Brand | KERN |
| Product categoriy | Laboratory balance |
| Product group | School balance |
| Product family | EHA |

## Measuring System

| | |
|---|---|
| Construction type of the scale | Single-range balance |
| Number of weighing ranges | 1 |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 1000 g |
| Readability [d] | 0,1 g |
| Resolution | 10.000 |
| Linearity | ± 0,3 g |
| Reproducibility | 0,3 g |
| Tare range | 1000 g |
| Default unit | g |
| Units | g<br>gn<br>dwt<br>ct<br>oz |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 500 g (M1); 1 kg (M1) |
| Possible calibration points | 500 g; 1 kg |
| Stabilization time | 3 s |
| Warm-up time | 30 min |
| Eccentric loading at 1/3 [Max] | 0,3 g |
| Maximum creep (15 minutes) | 400 mg |
| Maximum creep (30 minutes) | 800 mg |

## Functions

| | |
|---|---|
| Number of keys for operation | 5 |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 5 min |
| Tare function | manual (multi) |
| Counting function | ✓ |

## Counting

| | |
|---|---|
| Smallest piece weight when piece counting - laboratory conditions | 100 mg |
| Smallest piece weight when piece counting - normal conditions | 1 g |
| Counting resolution (laboratory conditions) | 10.000 |

## Power Supply

| | |
|---|---|
| Input voltage power supply / power [Max] | 100 V - 240 V |
| Input voltage device / power [Max] | 9 V, 600 mA |
| Supplied power supply | Power supply & battery function (battery not included) |
| Plug-in power supply / adapter for countries - included with the delivery | EURO<br>UK<br>CH |

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|---|---|
| Plug-in power supply / adapter for countries - optional | EURO<br>UK<br>CH |
| Battery | 2×1.5 V AA |
| Battery / accumulator type | Alkali(-Manganese) |
| Battery connection | Battery insert |
| Battery operating time | 70 h |

## Environmental conditions

| | |
|---|---|
| Humity of environment [Max] | 80 % |
| Ambient temperature [Min] | 5 °C |
| Ambient temperature [Max] | 40 °C |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

## Packing & Shipping

| | |
|---|---|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 245×204×76 mm |
| Net weight | 0,5 kg |
| Shipping method | Parcel service |
| Net weight approx. | 0,50 kg |
| Gross weight approx. | 0,75 kg |
| Shipping weight | 0,8 kg |

## Services (optional)

| | |
|---|---|
| Article number for adjustment at the location of installation | 961-247 |
| Article number for DAkkS calibration | 963-127 |
| Article number for certificate of conformity (verification) | 969-517 |

## Pictograms

**STANDARD**

CAL EXT | PCS | UNIT | BATT | MULTI | DMS | 1 DAY

**OPTION**

DAkkS +3 DAYS