

# KERN MBC 20K10M

Elegantly-shaped baby scale – with approval for professional mobile or stationary medical use in medical diagnostics, verification optional



|                                       |                |
|---------------------------------------|----------------|
| Dimensions completely mounted (W×D×H) | 600×407×120 mm |
| Dimension display device (W×D×H)      | 200×130×60 mm  |
| Dimensions weighing surface (W×D)     | 600×280 mm     |
| Dimensions weighing surface           | 600×280 mm     |
| Dimensions weighing platform (W×D×H)  | 600×280×55 mm  |
| Material housing                      | plastic        |
| Material weighing plate               | plastic        |
| Material display housing              | Plastics       |
| Level indicator                       | ✓              |
| Levelling feet adjustable             | ✓              |
| Transport safety lock - bolt torque   | 0,1 Nm         |

## Functions

|  |                           |
|--|---------------------------|
| Function for averaging under unstable weighing conditions      | ✓                         |
| Hold function  | ✓                         |
|  | 3 min                     |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 5 min<br>30 min<br>15 min |
| Tare function  | manual (single & multi)   |
| Number of keys for operation                                   | 6                         |

## Power Supply

|   |  |
|---|--|
| Supplied power supply   | Power supply & battery function (battery not included) |
| Plug-in power supply type   | Power adapter  |
| Plug-in power supply / adapter for countries - included with the delivery | EURO<br>UK<br>CH                                       |
| Plug-in power supply / adapter for countries - optional                   | EURO<br>AUS<br>UK<br>US<br>CH                          |
| Input voltage power supply / power [Max]                                  | 100 V - 240 V, 50 / 60 Hz                              |
| Input voltage device / power [Max]  | 12 V, 500 mA   |
| Battery / accumulator type  | Alkali(-Manganese)                                     |
| Battery   | 6×1.5 V AA   |
| Battery connection  | Battery insert   |
| Battery operating time  | 20 h   |
| Rechargeable battery  | MBC-A08  |
| Rechargeable battery operating time - backlight on                        | 20 h   |

## Category

|                  |               |
|------------------|---------------|
| Brand            | KERN          |
| Product category | Medical scale |
| Product group    | Baby scale    |
| Product family   | MBC           |

## Measuring System

|                                |                                |
|--------------------------------|--------------------------------|
| Construction type of the scale | Single-range balance           |
| Weighing system                | Strain gauge                   |
| Weighing capacity [Max]        | 20 kg                          |
| Readability [d]                | 0,01 kg                        |
| Reproducibility                | 0,01 kg                        |
| Linearity                      | ± 0,01 kg                      |
| Minimum weight [Min]           | 0,2 kg                         |
| Resolution                     | 2.000                          |
| Tare range                     | 19,99 kg                       |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 20 kg (M1)                     |
| Stabilization time             | 3 s                            |
| Warm-up time                   | 10 min                         |
| Eccentric loading at 1/3 [Max] | 0,01 kg                        |
| Default unit                   | kg                             |
| Units                          | kg                             |
| Conformity assessment possible | ✓                              |

## Display

|                                 |                 |
|---------------------------------|-----------------|
| Display type                    | LCD             |
| Display backlight               | ✓               |
| Display digit height            | 25 mm           |
| Languages of the user interface | Symbol language |

## Construction

|                           |               |
|---------------------------|---------------|
| Dimension housing (W×D×H) | 320×280×72 mm |
|---------------------------|---------------|

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|   |                                  |
|---|----------------------------------|
| Rechargeable battery operating time - backlight off | 40 h                             |
| Rechargeable battery charging time                  | 12 h                             |
| Rechargeable battery optional                       | Rchrg. battery optional - intern |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | -10 °C |
| Ambient temperature [Max]     | 40 °C  |
| Humidity of environment [Max] | 80 %   |
| Storage temperature [Min]     | -20 °C |
| Storage temperature [Max]     | 60 °C  |

## Approval

|   |         |
|---|---------|
| CE mark                                 | ✓       |
| Conformity assessment possible ex works | ✓       |
| Accuracy classe                         | III     |
| Verification scale interval [e]         | 0,01 kg |

## Services (optional)

|   |          |
|---|----------|
| Article number for adjustment at the location of installation | 961-248  |
| Article number for conformity assessment                      | 965-128. |
| Article number for DAkkS calibration                          | 963-128  |
| Article number for certificate of conformity (verification)   | 969-517  |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 480×650×175 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 4,6 kg         |
| Gross weight approx.         | 6 kg           |
| Shipping weight              | 10,9 kg        |

## Pictograms

### STANDARD



### OPTION



### FACTORY

