

# KERN MPS 200K100PM

**KERN**

Stylish personal floor scale with BMI function – with approval for professional medical use in medical diagnostics, verification optional



| Category         |                      |
|------------------|----------------------|
| Brand            | KERN                 |
| Product category | Medical scale        |
| Product group    | Personal floor scale |
| Product family   | MPS                  |

| Measuring System                   |   |
|------------------------------------|---|
| Construction type of the scale     | Single-range balance                                |
| Weighing system                    | Strain gauge  |
| Weighing capacity [Max]            | 200 kg  |
| Readability [d]                    | 0,1 kg  |
| Resolution                         | 2.000   |
| Linearity                          | ± 0,1 kg  |
| Reproducibility                    | 0,1 kg  |
| Default unit                       | kg  |
| Units                              | kg  |
| Minimum weight [Min]               | 2 kg  |
| Adjustment options                 | Adjusting with external weight                      |
| Recommended adjusting weight       | 200 kg (M1)   |
| Warm-up time                       | 10 min  |
| Eccentric loading at 1/3 [Max]     | 0,1 kg  |
| Measuring range measuring rod (cm) | 60-100cm @ 0,1cm ± 0,5cm<br>100-205cm @ 0,1cm ± 1cm |

| Zulassung                               |        |
|---|--------|
| CE mark                                 | ✓      |
| Accuracy classe                         | III    |
| Verification scale interval [e]         | 0,1 kg |
| Conformity assessment possible ex works | ✓      |

|                              |   |
|------------------------------|---|
| Approved as a medical device | ✓ |
|------------------------------|---|

| Display                         |                 |
|---------------------------------|-----------------|
| Display type                    | LCD             |
| Display digit height            | 27 mm           |
| Languages of the user interface | Symbol language |

| Construction                          |                  |
|---------------------------------------|------------------|
| Dimension display device (W×D×H)      | 215×110×45 mm    |
| Dimensions weighing platform (W×D×H)  | 275×295×58 mm    |
| Dimensions completely mounted (W×D×H) | 275×445×1020 mm  |
| Material display housing              | Plastics         |
| Material housing                      | steel, lacquered |
| Material weighing plate               | steel, lacquered |
| Levelling feet adjustable             | ✓                |
| Level indicator                       | ✓                |
| Stand height                          | 1000 mm          |

| Functions  |   |
|--|---|
| Number of keys for operation                                   | 20                                      |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min<br>off<br>4 min<br>5 min<br>2 min |
| PreTare function   | ✓                                       |
| Tare function  | manual (multi)                          |
| Hold function  | ✓                                       |
| Function for averaging under unstable weighing conditions      | ✓                                       |
| Function for BMI calculation                                   | ✓                                       |
| Interfaces   | RS-232 standard                         |

| Power Supply  |  |
|---|--|
| Input voltage power supply / power [Max]                                  | 100 V - 240 V, 50 / 60 Hz                              |
| Input voltage device / power [Max]  | 12 V, 500 mA   |
| Plug-in power supply type   | Power adapter  |
| 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                                       |
| Plug-in power supply / adapter for countries - optional                   | EURO<br>UK   |

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## Pictograms

### STANDARD



### OPTION



### FACTORY



|   | US<br>CH                         |
|---|----------------------------------|
| Rechargeable battery optional                       | Rchrg. battery optional - intern |
| Rechargeable battery charging time                  | 14 h                             |
| Rechargeable battery operating time - backlight off | 35 h                             |
| Battery   | 6×1.5 V AA                       |
| Battery operating time                              | 50 h                             |

### 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  |

### Packing & Shipping

|                              |                 |
|------------------------------|-----------------|
| Readability force [d] (N)    | 1 d             |
| Dimensions packaging (W×D×H) | 1180×400×330 mm |
| Net weight                   | 6,6 kg          |
| Shipping method              | Parcel service  |
| Net weight approx.           | 7 kg            |
| Gross weight approx.         | 11 kg           |
| Shipping weight              | 31,2 kg         |

### Services (optional)

|   |         |
|---|---------|
| Article number for adjustment at the location of installation | 961-249 |
| Article number for conformity assessment                      | 965-129 |
| Article number for DAKKS calibration                          | 963-129 |
| Article number for certificate of conformity (verification)   | 969-517 |