

# KERN MWA 300K-1PM



Wheelchair platform scale with two integrated access ramps for easy access – with approval for professional medical use in medical diagnostics, verification optional



| Category         |                           |
|------------------|---------------------------|
| Brand            | KERN                      |
| Product category | Medical scale             |
| Product group    | Wheelchair platform scale |
| Product family   | MWA                       |

| Measuring System                         |                                |
|------------------------------------------|--------------------------------|
| Weighing system                          | Strain gauge                   |
| Weighing capacity [Max]                  | 300 kg                         |
| Readability [d]                          | 0,1 kg                         |
| Reproducibility                          | 0,1 kg                         |
| Linearity                                | ± 0,1 kg                       |
| Minimum weight [Min]                     | 2 kg                           |
| Conformity assessment possible           | ✓                              |
| Resolution                               | 3.000                          |
| Tare range                               | -299,9 kg                      |
| Adjustment options                       | Adjusting with external weight |
| Recommended adjusting weight             | 300 kg (M1)                    |
| Warm-up time                             | 10 min                         |
| Eccentric loading at 1/3 [Max]           | 0,1 kg                         |
| Units (if device is conformity assessed) | kg                             |
| Construction type of the scale           | Single-range balance           |
| Units                                    | kg                             |
| Default unit                             | kg                             |

| Display                               |      |
|---------------------------------------|------|
| Display type                          | LCD  |
| Display backlight                     | ✓    |
| Display digit height - smallest digit | 5 mm |

|                                 |                 |
|---------------------------------|-----------------|
| Display digit height            | 25 mm           |
| Languages of the user interface | Symbol language |

| Construction                          |                   |
|---------------------------------------|-------------------|
| Dimensions completely mounted (W×D×H) | 1180×1130×1180 mm |
| Dimension display device (W×D×H)      | 200×130×60 mm     |
| Dimensions weighing surface (W×D)     | 880×840 mm        |
| Dimensions weighing surface           | 880×840 mm        |
| Dimensions weighing platform (W×D×H)  | 995×945×40 mm     |
| Material housing                      | steel, lacquered  |
| Material weighing plate               | steel, lacquered  |
| Material display housing              | plastic           |
| Level indicator                       | ✓                 |
| Stand height                          | 940 mm            |
| Wall mount                            | ✓                 |
| Display device cable length           | 3 m               |

| Functions                                                      |                                    |
|----------------------------------------------------------------|------------------------------------|
| Function for averaging under unstable weighing conditions      | ✓                                  |
| Function for BMI calculation                                   | ✓                                  |
| Hold function                                                  | ✓                                  |
| IP protection - load cell                                      | IP65                               |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min<br>5 min<br>30 min<br>15 min |
| Tare function                                                  | manual (single & multi)            |
| Number of keys for operation                                   | 6                                  |

| Interface  |                 |
|------------|-----------------|
| Interfaces | RS-232 standard |

| Power Supply                                                              |                                                        |
|---------------------------------------------------------------------------|--------------------------------------------------------|
| Supplied power supply                                                     | Power supply & battery function (battery not included) |
| 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                          |

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|                                                     |                                                                          |
|-----------------------------------------------------|--------------------------------------------------------------------------|
| Input voltage power supply / power [Max]            | 100 V - 240 V, 50 / 60 Hz                                                |
| Power supply cable removable                        | removable                                                                |
| Input voltage device / power [Max]                  | 12 V, 500 mA                                                             |
| Power socket for mains adapter                      | Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 9,5 mm |
| 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                                                                     |
| Rechargeable battery operating time - backlight off | 40 h                                                                     |
| Rechargeable battery charging time                  | 12 h                                                                     |
| Rechargeable battery optional                       | Rchrg. battery optional - intern                                         |
| Battery/Accu connected                              | not connected, enclosed                                                  |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | 10 °C  |
| Ambient temperature [Max]     | 40 °C  |
| Humidity of environment [Min] | 5 %    |
| 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]                  | 0,1 kg |
| Approval in accordance with 2017/745 (MDR, med.) | ✓      |

## 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                  | 969-517 |

## Packing & Shipping

|                              |                  |
|------------------------------|------------------|
| Delivery time                | 2 d              |
| Dimensions packaging (W×D×H) | 1255×1100×285 mm |
| Shipping method              | Freight          |
| Net weight approx.           | 80 kg            |
| Gross weight approx.         | 90 kg            |
| Shipping weight              | 90 kg            |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761193048            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION



### FACTORY

