

KERN MWS 300K100M

Wheelchair platform scale with low overall height for easy access – with approval for professional, mobile medical use in medical diagnostics, verification optional



| | |
|---------------------------------|-----------------|
| Languages of the user interface | Symbol language |
|---------------------------------|-----------------|

Construction

| | |
|---------------------------------------|------------------|
| Dimension display device (W×D×H) | 210×110×45 mm |
| Dimensions weighing platform (W×D×H) | 910×740×65 mm |
| Dimensions completely mounted (W×D×H) | 1158×835×60 mm |
| Material display housing | Plastics |
| Material housing | steel, lacquered |
| Material weighing plate | steel, lacquered |
| Dimensions weighing surface (W×D) | 910×740 mm |
| Cable length | 1,8 m |
| Display device cable length | 1,85 m |
| Material load cell(s) | aluminium |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |
| Transport wheels | ✓ |

Category

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

Measuring System

| | |
|--------------------------------|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 300 kg |
| Readability [d] | 0,1 kg |
| Resolution | 3.000 |
| 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 | 300 kg (M1) |
| Warm-up time | 10 min |
| Eccentric loading at 1/3 [Max] | 0,1 kg |

Approval

| | |
|---|--------|
| 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 | 25 mm |

Functions

| | |
|--|---|
| Number of keys for operation | 20 |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min off 4 min 5 min 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 UK CH |
| Plug-in power supply / adapter for countries - optional | EURO UK |

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Pictograms

STANDARD



OPTION



FACTORY



| | |
|---|----------------------------------|
| | US CH |
| Rechargeable battery optional | Rchrg. battery optional - intern |
| Rechargeable battery charging time | 14 h |
| Rechargeable battery operating time - backlight off | 45 h |
| Battery | 6×1.5 V AA |
| Battery / accumulator type | NiMH |
| Battery operating time | 50 h |

Environmental conditions

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

Packing & Shipping

| | |
|------------------------------|-----------------|
| Readability force [d] (N) | 2 d |
| Dimensions packaging (W×D×H) | 1320×950×135 mm |
| Net weight | 28,6 kg |
| Shipping method | Freight |
| Net weight approx. | 30 kg |
| Gross weight approx. | 48 kg |
| Shipping weight | 48 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 |