

Product brochure

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# KERN MWN 300K-1M

Robust integratable wheelchair platform scale for wireless transfer of weighing data to EMR or EHR systems

ENGLISH



## CONTACT

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## FEATURES

- Verification class III (verification is optional)
- Approved as a medical device according to regulation (EU) 2017/745
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records. By doing this, any documentation or transfer errors which occur during manual data transfer are eliminated. Thanks to this technology, this model can be integrated into existing or future EMR and EHR systems and ensures that your investment is future-proofed right now
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay
- Especially suitable for weighing patients in wheelchairs because of the low-profile platform which can be approached from either side
- The large steel weighing plate also makes it ideal for weighing obese patients
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- Hold function: While weighing patients that are unable to stand still, a mean average weight value is determined. This allows for sufficient time to attend to the patient, and then get a weight reading
- BMI function to determine underweight/normal weight/surplus weight
- Display device with two magnets on the back, ideal to fix it to metallic surfaces, e.g. to the weighing plate
- The scale can be easily transported using the handle and two rollers and does not require much storage space
- Wall mount for display device, standard
- Battery- or mains-powered, rechargeable battery operation optional

## TECHNICAL DATA

- Large LCD display, digit height 25 mm
- Dimensions weighing surface W×D 910×740 mm
- Dimensions of display device W×D×H 210×54×100 mm
- Cable length of display device approx. 1,8 m
- Overall dimensions W×D×H 1150×849×73 mmOptional battery operation, 6×1.5 V AA not included in scope of delivery, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 30 kg

MAIN SCOPE OF APPLICATIONS

- Inpatient facilities
- Outpatient facilities
- Dialysis centres
- Retirement and nursing homes
- Rehabilitation facilities
- Facilities for people with disabilities

PLEASE NOTE FOR YOUR ORDER

- Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

PICTOGRAMS

Standard



Option



Factory





MODEL OVERVIEW

| Model        | Weighing capacity [Max] | Readability [d] | Verification value [e] | Dimensions weighing platform W×D×H | Overall dimensions W×D×H | Net weight approx. |
|--------------|-------------------------|-----------------|------------------------|------------------------------------|--------------------------|--------------------|
| MWN 300K-1LM | 300 kg                  | 0,1 kg          | 0,1 kg                 | 1196×797×68 mm                     | 1506×920×68 mm           | 42 kg              |
| MWN 300K-1M  | 300 kg                  | 0,1 kg          | 0,1 kg                 | 740×901×65 mm                      | 1150×849×73 mm           | 30 kg              |
| MWN 400K-1M  | 300 kg; 400 kg          | 0,1 kg; 0,2 kg  | 0,1 kg; 0,2 kg         | 995×999×70 mm                      | 1256×1109×70 mm          | 44 kg              |

ACCESSORIES

| Model  | Description                 |
|--------|-----------------------------|
| KUP-01 | RS-232 interface KUP-01     |
| KUP-03 | Interface USB-Device KUP-03 |

| Model   | Description                                      |
|---------|--------------------------------------------------|
| KUP-04  | Ethernet interface KUP-04                        |
| KUP-06  | Bluetooth BLE interface KUP-06                   |
| KUP-13  | Extension box KUP-13                             |
| MWN-A01 | Tripod MWN-A01, Height of stand approx. 950 mm   |
| MWN-A02 | Handrail MWN-A02                                 |
| MYC-01  | Alcohol-free cloths for wipe disinfectant MYC-01 |
| YKA-51  | Power adapter YKA-51 (6 V, 1 A   100 V - 240 V)  |
| YKC-01  | Thermal printer YKC-01                           |
| YKG-01  | Dot Matrix Printer YKG-01                        |
| YKH-01  | Thermal printer YKH-01                           |
| YKN-01  | Needle printer YKN-01                            |
| YMM-03  | Alibi memory with Real Time Clock YMM-03         |
| YMR-01  | Rechargeable battery pack YMR-01 (Li-Ion, , )    |

## SOFTWARE

| Model               | Description                                                                    |
|---------------------|--------------------------------------------------------------------------------|
| SCD-4.0-DL          | Software SCD-4.0-DL (Scope of supplies: Download link for 1 license)           |
| SCD-4.0-DLS05       | Software SCD-4.0-DLS05 (Scope of supplies: Download link for 5 licenses)       |
| SCD-4.0-PRO-DL      | Software SCD-4.0-PRO-DL (Scope of supplies: Download link for 1 license)       |
| SCD-4.0-PRO-DL-AS05 | Software SCD-4.0-PRO-DL-AS05 (Scope of supplies: Download link for 5 licenses) |
| SET-01              | Software KERN EasyTouch SET-01 Base                                            |
| SET-04              | Software KERN EasyTouch SET-04 Density                                         |
| SET-05              | Software KERN EasyTouch SET-05 Dynamic                                         |
| SET-06              | Software KERN EasyTouch SET-06 Classification                                  |
| SET-07              | Software KERN EasyTouch SET-07 Variable                                        |
| SET-08              | Software KERN EasyTouch SET-08 Take-out                                        |
| SET-10              | Software KERN EasyTouch SET-10 Save Server                                     |
| SET-11              | Software KERN EasyTouch SET-11 Safety                                          |
| SET-14              | Software KERN EasyTouch SET-14 Individual Print                                |
| SET-16              | Software KERN EasyTouch SET-16 Batch and Statistics                            |
| SET-17              | Software KERN EasyTouch SET-17 PrePack                                         |

| Model   | Description                                         |
|---------|-----------------------------------------------------|
| SET-18  | Software KERN EasyTouch SET-18 Container Master     |
| SET-21  | Software KERN EasyTouch SET-21 Formulation          |
| SET-22  | Software KERN EasyTouch SET-22 Difference           |
| SET-31  | Software KERN EasyTouch SET-31 Tolerance            |
| SET-32  | Software KERN EasyTouch SET-32 Count                |
| SET-33  | Software KERN EasyTouch SET-33 Target Count         |
| SET-35  | Software KERN EasyTouch SET-35 Assembly Count       |
| SET-37  | Software KERN EasyTouch SET-37 Export Manager       |
| SET-39  | Software KERN EasyTouch SET-39-2026e Data Interface |
| SET-46  | Software KERN EasyTouch SET-46 Backup Scheduler     |
| SET-51  | Software KERN EasyTouch SET-51 Audit Logs           |
| SET-52  | Software KERN EasyTouch SET-52 Inventory            |
| SET-311 | Software KERN EasyTouch SET-311 Quick Key           |
| SET-411 | Software KERN EasyTouch SET-411 Hotkeys             |

## SERVICES

| Model   | Description                                                                                                       |
|---------|-------------------------------------------------------------------------------------------------------------------|
| 961-230 | Safety-related monitoring (STK protocol) KERN 961-230                                                             |
| 961-249 | Adjustment at the location of installation 961-249 (Not in combination with verification)                         |
| 963-129 | DAkkS calibration certificate 963-129                                                                             |
| 965-129 | Verification / Conformity assessment according to NAWI (2014/31/EU) 965-129                                       |
| 969-517 | Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate) 969-517 |
| 970-107 | Warranty extension (+2 years) 970-107                                                                             |

## KERN Pictogram Overview

|                                                                                    |                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | KERN IoT-Line balances – smart weighing solutions for the digital future                                                                                                                                                                                                                                                             |
|    | KERN Universal Port (KUP): allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, USB, Bluetooth, WiFi, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort                                                                                                   |
|    | Data interface WiFi: For data transfer to printers, PCs or other peripheral devices                                                                                                                                                                                                                                                  |
|    | KERN Communication Protocol (KCP): a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems |
|    | Hold function: While weighing patients that are unable to stand, sit or lie still, a mean average weight value is determined                                                                                                                                                                                                         |
|    | Battery operation: Ready for battery operation                                                                                                                                                                                                                                                                                       |
|    | Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS                                                                                                                                                                                      |
|    | Pallet shipment: The duration of internal product provision are two days                                                                                                                                                                                                                                                             |
|    | EasyTouch: Suitable for the connection, data transmission and control through PC or tablet                                                                                                                                                                                                                                           |
|   | Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible                                                                                                                                                                         |
|  | Data Interface USB: For connection to printers, PCs or other peripheral devices                                                                                                                                                                                                                                                      |
|  | Data interface Bluetooth: For connection to printers, PCs or other peripheral devices                                                                                                                                                                                                                                                |
|  | Network interface: For connecting the measuring device to an Ethernet network                                                                                                                                                                                                                                                        |
|  | Rechargeable battery pack: Rechargeable set                                                                                                                                                                                                                                                                                          |
|  | Alibi memory: Secure, electronic archiving of measuring results, complying with the 2014/31/EU standard                                                                                                                                                                                                                              |
|  | Conformity assessment: The duration of the conformity assessment is 3 working days                                                                                                                                                                                                                                                   |
|  | Product complies with applicable EU requirements                                                                                                                                                                                                                                                                                     |