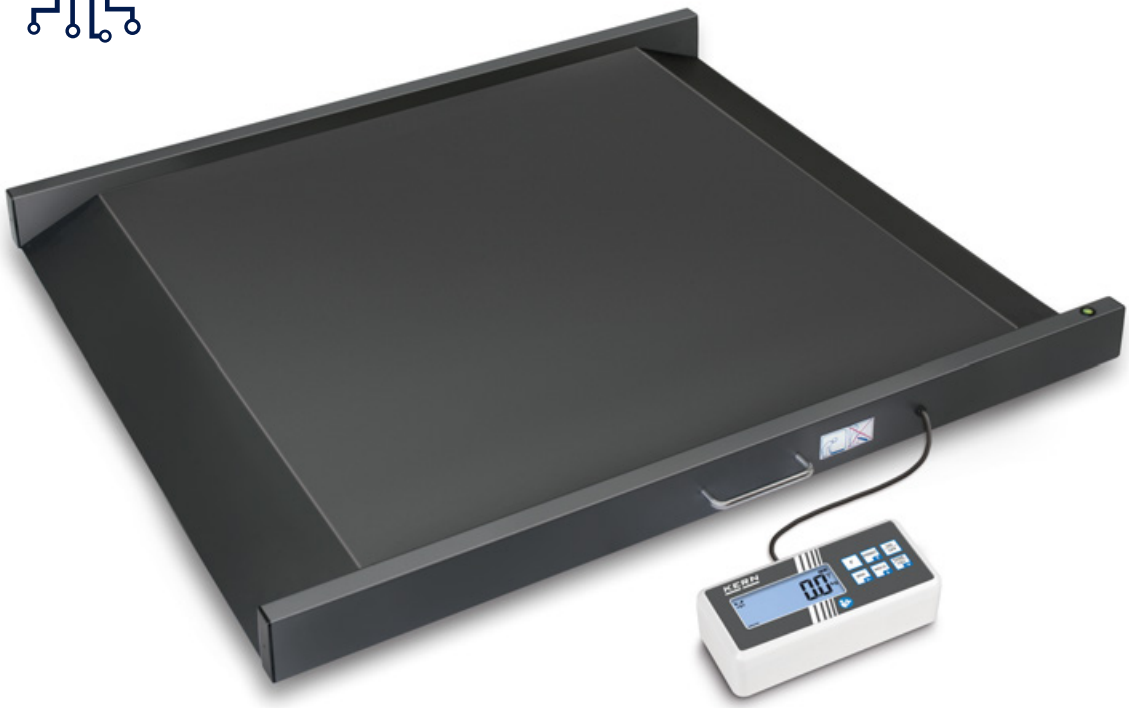
Wheelchair platform scale KERN MWN

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

NEW

IoT ready



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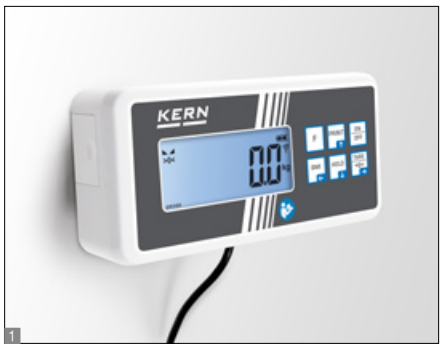

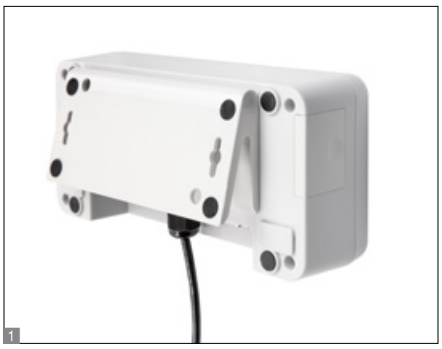

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records, as soon as this is launched as a comprehensive service. 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 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
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- Hold function: When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- The scale can be easily transported using the handle and two rollers and does not require much storage space
- 1 Wall mount for display device, standard
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

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. 1,85 m
- Overall dimensions W×D×H 1150×849×73 mm
- Battery operation possible, 6×1.5 V AA not included, operating time up to 50 h
- Mains adapter external, standard
- Net weight approx. 30 kg

Accessories

- Internal rechargeable battery pack, operating time up to 48 h, charging time approx. 8 h, KERN YMR-01
- External data interface RS-232, Interface cable included, KERN YKUP-01
- External data interface USB, Interface cable included, KERN YKUP-03
- External mains adapter, 100 – 240 V, 50 – 60 Hz, Standard EU, UK, KERN YKA-51
- Bluetooth interface adapter, KERN YKUP-06
- Extension-Box, KERN YKUP-13
- Memory module with real time clock (alibi memory), KERN YMM-03

STANDARD: KUP, WIFI, KCP PROTOCOL, GLP PRINTER, MOVE, BATT, MULTI, 2 DAYS

OPTION: RS 232, USB, BT 4.0, ACCU

FACTORY: ALIBI, M +3 DAYS *

* Within the EU, official verification is mandatory by law for scales that are intended for use as a medical device. Please add this to your order. We require the location of use and the post code for the verification.

Model	Weighing capacity	Readability	Verification value	Mandatory by law Verification
	[Max]	[d]	[e]	M III
KERN	kg	kg	kg	KERN
MWN 300K-1M	300	0,1	0,1	965-129

MEDICAL SCALES 2023

KERN PICTOGRAMS

Adjusting program CAL:
For quick setting up of the balance's accuracy. External adjusting weight required

Memory:
Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.

Data interface RS-232:
To connect the balance to a printer, PC or network

RS-485 data interface:
To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible

Bluetooth* data interface:
To transfer data from the balance to a printer, PC or other peripherals

WIFI data interface:
To transfer data from the balance to a printer, PC or other peripherals

Control outputs (optocoupler, digital I/O):
To connect relays, signal lamps, valves, etc.

Statistics:
using the saved values, the device calculates statistical data, such as average value, standard deviation etc.

PC Software:
to transfer the measurements from the device to a PC

GLP/ISO log:
With date and time.
Only with KERN printers

KERN Communication Protocol (KCP):
It is 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

Piece counting:
Reference quantities selectable. Display can be switched from piece to weight

Totalising level A:
The weights of similar items can be added together and the total can be printed out

Weighing units:
Can be switched to e.g. nonmetric units. Please refer to website for more details

Weighing with tolerance range
(Check weighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model

ZERO:
Resets the display to "0"

Hold function:
When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight

Hold function:
When the weighing conditions are unstable, a stable weight is calculated as an average value

Protection against dust and water splashes IPxx:
The type of protection is shown in the pictogram cf. DIN EN 60529:2000-09, IEC 60529:1989+A1:1999+A2:2013

Suspended weighing:
Load support with hook on the underside of the balance

Battery operation:
Ready for battery operation. The battery type is specified for each device

Rechargeable battery pack:
Rechargeable set

Battery operation rechargeable
Prepared for a rechargeable battery operation

Universal plug-in power supply:
with universal input and optional input socket adapters for
A) EU, CH
B) EU, CH, GB, USA

Plug-in power supply:
230V/50Hz in standard version for EU. On request GB, AUS or USA version available

Integrated power supply unit:
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request

Weighing principle: Strain gauges
Electrical resistor on an elastic deforming body

Peak hold function:
capturing a peak value within a measuring process

Push and Pull:
the measuring device can capture tension and compression forces

Integrated scale:
In the eyepiece

360° rotatable microscope head

Monocular Microscope:
For the inspection with one eye

Binocular Microscope:
For the inspection with both eyes

Trinocular Microscope:
For the inspection with both eyes and the additional option for the connection of a camera

Abbe Condenser:
With high numerical aperture for the concentration and the focusing of light

Halogen illumination:
For pictures bright and rich in contrast

LED illumination:
Cold, energy-saving and especially long-life illumination

Fluorescence illumination for compound microscopes:
With 100 W mercury lamp and filter

Fluorescence illumination for compound microscopes:
With 3 W LED illumination and filter

Phase contrast unit:
For a higher contrast

Darkfield condenser/unit:
For a higher contrast due to indirect illumination

Polarising unit:
To polarise the light

Infinity system:
Infinity corrected optical system

Automatic temperature compesation:
For measurements between 10 °C and 30 °C

Verification possible:
The time required for verification is specified in the pictogram

Package shipment:
The time required for internal shipping preparations is shown in days in the pictogram

Pallet shipment:
The time required for internal shipping preparations is shown in days in the pictogram