Integratable (IoT-ready) balances with high-end performance

KERN PREMIUM LINE

The capacity to integrate – the answer to the digitization requirements of today and in the future

→ Our KERN Premium Line models ensure that you are future-proofed, right now. Thanks to the built-in WiFi interface (factory option for KERN MBA), these models can be integrated into existing or future EMR and EHR systems and thus into the hospital networks.

→ The KERN Universal Port (KUP) enables greater flexibility and individualisation in terms of interfaces such as, for example RS-232, USB, Bluetooth or Ethernet – available for all KERN Premium Line models, without any installation outlay.*

→ No manual data transfer thanks to the alibi memory as a factory option: Storing through the print key or remote control command: Date, time, alibi ID, weight (net, gross, tare). The data can be recalled through remote control commands or exported to Excel. Documentation or transfer errors are therefore eliminated and processes are accelerated.*

KERN MPN

→ A standardised concept of operation simplifies handling different products, as the menu structure is the same across all models.*

→ Thanks to the standard power supply, optional rechargeable battery pack (except for KERN MBA) or battery option, the user is not tied to a particular location.

→ Rechargeable battery or batteries can be easily inserted into the optimised battery compartment on the side of the terminal.*

→ SFDA approved since 10/2024

With KERN you are ready for the future of weighing in the Internet of Things. Get IoT ready – with the Premium Line models. Discover these products on the following pages.

Note: All KERN Premium Line models in this catalogue are marked with the IoT-ready symbol.

IoT ready

* the KERN MBA is not included

! Tip

Software KERN Balance Connection SCD-4.0 Pro*: Enables the connection of medical balances to practice EDP systems using the device data transfer protocol (GDT) and also the HL7 protocol

• Scope of supplies: Download link for 1 License, KERN SCD-4.0-PRO-DL

The very best networking options in hospitals and care institutions with the IoT-ready models in the KERN Premium Line

Compact baby scale with special Safe-Guard tray and approval for professional mobile or stationary medical use in medical diagnostics, verification optional

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- Modern design
- ❶ Safe-Guard tray: the special, particularly recessed tray with raised side bolsters offers optimum conditions for the safe weighing of babies
- Large, insensitive plastic tray, without corners and edges, therefore particularly hygienic and easy to clean
- Lightweight, compact design, therefore easy to transport and store
- Secure and non-slip positioning with height-adjustable rubber feet
- Easy to use
- Hold function: While weighing patients that are unable to lie still, a mean average weight value is determined
- Integrated AUTO-OFF function to preserve the batteries

Technical data

- LCD display, digit height 25 mm
- Dimensions of tray W×D 600×260 mm
- Overall dimensions W×D×H 600×360×141 mm
- Batteries included, 6×1.5 V AA, operating time up to 20 h (up to 50 h without using WiFi)
- Net weight approx. 4,6 kg

Accessories

- ❷ Mechanical height rod to fix to the scale, measuring range 30 cm – 80 cm, increments of 0,1 cm, KERN MBA-A01
- WiFi data interface to transfer data from balances to PC or tablet, must be ordered at purchase, KERN YMI-A01
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01
- External mains adapter, 100 V - 240 V, Standard EU, CH, UK, US, AUS, KERN YKA-43

*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.

STANDARD				OPTION	FACTORY		
KCP PROTOCOL	MOVE	BATT	1 DAY	230 V	WIFI	M +3 DAYS	CE 0297

Model	Weighing capacity	Readability	Verification value	Mandatory by law Verification
KERN	[Max] kg	[d] kg	[e] kg	M KERN
MBA 10K-3M	15	0,005	0,005	965-128.

Integratable personal scale for wireless transfer of weighing data to EMR or EHR systems

KERN MPN-H

KERN MPN-P

Personal Floor Scale KERN MPN-P · MPN-H

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- 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
- 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
- **1** Practical second display on the back of the scale, which makes it easy for both the patient and the medical staff to read the weight
- **2** The MPN-H model has an elegant height rod integrated into the column, which can be pulled out for use and has a sturdy plastic head rest and a measuring range from 89 - 205 cm.
- **3** Patients with a height below 80 cm can be measured using the measuring scale fitted on the column

- Robust design with ergonomically optimised shape
- Secure and non-slip positioning with height-adjustable rubber feet
- Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- Hold function: While weighing patients that are unable to stand still, a mean average weight value is determined
- Mother and child function: the parent's weight is measured, and the scale is reset to zero via the button. Subsequently, the parent and baby are weighed together. The weight of the child will then show on the display
- BMI function to determine underweight/normal weight/surplus weight
- High resolution readability: readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- **4** Battery- or mains-powered, rechargeable battery operation optional
- **5** Easy to transport thanks to the two integrated transport wheels

Technical data

- Large LCD display, digit height 25 mm
- Weighing platform dimensions W×D×H 365×360×80 mm

- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 11 kg

Accessories

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YMR-01
- External mains adapter, 100 V - 240 V, Standard EU, UK, KERN YKA-51
- RS-232 interface adapter, KERN KUP-01
- USB interface adapter, KERN KUP-03
- Ethernet interface adapter, KERN KUP-04
- Bluetooth interface adapter, KERN KUP-06
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- Memory module with real time clock (alibi memory), KERN YMM-03

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STANDARD							OPTION					FACTORY			
KUP	WIFI	KCP PROTOCOL	GLP	PRINTER	MOVE	BATT	MULTI	1 DAY	RS 232	USB	BT 4.0	LAN	ACCU	ALIBI	+3 DAYS	M	CE 0297

Model	Weighing capacity	Readability	Verification value	Overall dimensions (with extracted height rod)	Mandatory by law Verification
KERN	[Max] kg	[d] kg	[e] kg	W×D×H mm	M KERN
MPN 200K-1PM	250	0,1	0,1	365×570×1030	965-129
MPN 200K-1HM	250	0,1	0,1	365×570×2134	965-129

Professional integratable personal scales for wireless transfer of weighing data to the EMR or EHR systems – also for overweight patients in the obese category

KERN MPN-M

KERN MPN-LM

Personal Floor Scale KERN MPN · MPN-L

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- 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
- 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
- KERN MPN 300K-1LM: Version with [Max] = 300 kg and larger weighing plate
- Ideally suited for hospitals, clinics and doctors' surgeries
- Robust design for daily use in a professional environment

- Easy and hygienic cleaning
- Secure and non-slip positioning with height-adjustable rubber feet
- **1** Level indicator to level the balance precisely
- KERN MPN 300K-1LM: Sturdy handle for easy transportation of the scale
- **2** Flexible positioning of display device. Wall mount for display device standard
- Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- Hold function: While weighing patients that are unable to stand still, a mean average weight value is determined
- Mother and child function: the parent's weight is measured, and the scale is reset to zero via the button. Subsequently, the parent and baby are weighed together. The weight of the child will then show on the display
- BMI function to determine underweight/normal weight/surplus weight
- High resolution readability: readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 210×54×100 mm
- Cable length of display device approx. 1,8 m
- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
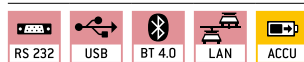- Mains adapter external, standard

Accessories

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YMR-01
- External mains adapter, 100 V - 240 V, Standard EU, UK, KERN YKA-51
- RS-232 interface adapter, KERN KUP-01
- USB interface adapter, KERN KUP-03
- Ethernet interface adapter, KERN KUP-04
- Bluetooth interface adapter, KERN KUP-06
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- Memory module with real time clock (alibi memory), KERN YMM-03

*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.

STANDARD							OPTION					FACTORY		
KUP	WIFI	KCP PROTOCOL	GLP PRINTER	MOVE	BATT	B MULTI	1 DAY	RS 232	USB	BT 4.0	LAN	ACCU	ALIBI	M +3 DAYS	CE 0297

Model	Weighing capacity [Max] kg	Readability [d] kg	Verification value [e] kg	Weighing plate W×D×H mm	Net weight approx. kg	Mandatory by law Verification KERN
KERN						
MPN 200K-1M	250	0,1	0,1	365×370×80	9	965-129
MPN 300K-1LM	300	0,1	0,1	400×500×120	12	965-129

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

Wheelchair Platform Scale KERN MWN

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- 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
- 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
- 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
- BMI function to determine underweight/normal weight/surplus weight
- **1** Wall mount for display device, standard
- **2** The scale can be easily transported using the handle and two rollers and does not require much storage space
- 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 1160×830×73 mm
- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 30 kg

Accessories

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YMR-01
- External mains adapter, 100 V - 240 V, Standard EU, UK, KERN YKA-51
- RS-232 interface adapter, KERN KUP-01
- USB interface adapter, KERN KUP-03
- Ethernet interface adapter, KERN KUP-04
- Bluetooth interface adapter, KERN KUP-06
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- Memory module with real time clock (alibi memory), KERN YMM-03

*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.

STANDARD								OPTION					FACTORY		
KUP	WIFI	KCP PROTOCOL	GLP PRINTER	MOVE	BATT	B MULTI	2 DAYS	RS 232	USB	BT 4.0	LAN	ACCU	ALIBI	M +3 DAYS	CE 0297

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

Mobile integratable chair scale for wireless transfer of weighing data to EMR or EHR systems

Chair Scale KERN MCN

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- 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
- 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
- This chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can weigh overweight people
- **1** Mobile version with two steerable rollers and particularly convenient locking brakes at the rear
- With its four wheels, this chair scale provides maximum mobility in bringing the scale to the patient. This ensures more efficient use of time for the clinic staff and greater safety for the patients who can be weighed in their familiar environment

- The rollers, with their large diameter, make it easier to get over door thresholds, edges and across the gaps into elevators
- For fragile patients, the comfortable, ergonomically optimised seat offers secure support during weighing
- Because of the clearly contrasting black colour of the seating surface, footrests and armrests ideally suitable for dementia patients
- **2** Two foldable armrests and footrests make transfers into the chair easier. Ideal for overweight patients or barrier-free use, e.g. for transfers from a bed to the scale
- Ergonomically positioned carrying handles
- Hold function: While weighing patients that are unable to sit still, a mean average weight value is determined
- BMI function to determine underweight/normal weight/surplus weight
- High resolution readability: readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- **3** Large LCD display, digit height 25 mm
- Dimensions of seating surface W×D 390×360 mm
- Dimensions of display device W×D×H 210×54×100 mm

- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- **4** Mains adapter external, standard

Accessories

- **5** Practical mains adapter pouch to store the mains adapter which is supplied as standard. Fitting option using two Velcro fasteners, KERN MCC-A01
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YMR-01
- External mains adapter, 100 V - 240 V, Standard EU, UK, KERN YKA-51
- Interface adapter
  RS-232, KERN KUP-01
  USB, KERN KUP-03
  Ethernet, KERN KUP-04
  Bluetooth, KERN KUP-06
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- Memory module with real time clock (alibi memory), KERN YMM-03

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STANDARD
KUP | WIFI | KCP PROTOCOL | GLP PRINTER | MOVE | BATT | B MULTI | 2 DAYS

OPTION
RS 232 | USB | BT 4.0 | LAN | ACCU

FACTORY
ALIBI | M +3 DAYS

CE 0297

Model	Weighing capacity	Readability	Verification value	Net weight approx.	Mandatory by law Verification
KERN	[Max] kg	[d] kg	[e] kg	kg	M KERN
MCN 200K-1M	250	0,1	0,1	24	965-129

PROFESSIONAL CARE

A **Professional Care balance** from KERN does not have approval in accordance with the Medical Device Directive and also does not have approval in accordance with the European Directive for non-automatic weighing instruments.

If the balance is not going to be used in medical applications, these approvals are not legally required. I.e. Professional Care balances are not verified and can also not be verified. This is a significant difference when compared with Approved Medical Device balances from KERN.

Professional Care products from KERN can be used anywhere, where the measurement is not used to determine medical actions. This applies, for example, to the areas of pathology, baby scales for midwives, personal scales and baby scales in pharmacies or weighing for self-monitoring, e.g. in sport studios.

A mandatory verification is not required for the following intended uses:

• Body weight scales in pathology (not a medical application according to § 7b Paragraph 2 No. 4 of the Verification Ordinance)

• Personal and baby scales (the latter can usually be borrowed in pharmacies)

• Baby scales for midwives

• Personal scales during blood collection for the preparation of blood products

(Information from the Verification Office: Scales in medical applications dated 19.04.2013)

Convenient circumference measuring tape with practical pull-out mechanism

Features

- Continuous pull-out measuring tape for precise measurement e.g. around the body
- Ideal to determine the WHR (Waist-to-Hip-Ratio), which can give information about the distribution of the body's fat deposits using an indirect determination of abdominal fat
- With integrated feed mechanism
- The easiest handling:
  - Pull out the measuring tape
  - Hang it in the recess provided for this
  - Operate the feed mechanism
  - Read measurement value with millimetre precision

Technical data

- Measuring tape length 205 cm (80 inch)

Note: The model with the suffix -S05 is delivered in a set of 5 units. i.e. the price given in the table refers to 5 items

STANDARD

1 DAY

Model	Measuring range	Increments of	Overall dimensions	Net weight
			W×D×H	
KERN	mm (inch)	mm (inch)	mm	kg
MSW 200	10 – 205 (4 – 80)	1 (0,1)	55×90×20	0,05
MSW 200S05	10 – 205 (4 – 80)	1 (0,1)	55×90×20	0,25