

MEDICAL SCALES

Clinic | Practice | Care



2026

It's so easy to order from KERN:

 **Tel. +49 7433 9933-0**

 **E-Mail**
info@kern-sohn.com

 **Online Shop**
www.kern-sohn.com

**We look forward to meeting you
in our online shop – simply use the
QR Code:**

Your Advantages – our Philosophy. All KERN Advantages at a Glance

Online Shop

www.kern-sohn.com

For convenient ordering you will find a huge selection of products and services in our KERN online shop, 24/7.

Advice from the experts

Our KERN experts will offer you individual advice in a range of languages and will be pleased to assist you:
Mon - Fri from 8.00 am to 5.00 pm

100 % product availability and dispatch service

With KERN you can be sure that you will have immediate access to the products you need – provided that they are in stock. Our 24-hour dispatch service will send your products immediately. Ordered today, on their way tomorrow!

Warranty

We offer you as the customer up to 3 years warranty on all products in our entire range, as an option the warranty can be extended for a small fee. Because our products deliver on their promises!

Customer service

Our customer service is personally available by telephone, e-mail or video call. We speak more than 7 languages and we will be happy to help with your requests.

Trust through experience

Experience counts in terms of measuring and weighing technology and this has been the case for 180 years – for the benefit of our customers. Put us to the test!

Accreditations/certification

- DAkkS accreditation
DIN EN ISO/IEC 17025
- Certified QM system DIN EN ISO 9001
- Conformity assessment in accordance with NAWID 2014/31/EU
- Medical certifications DIN EN ISO 13485 and 93/42/EEC or VO (EU) 2017/745

DAkkS-accredited calibrations

In the modern, accredited KERN calibration laboratory, we perform DAkkS-accredited calibrations for balances, test weights as well as for numerous other measuring devices. In addition we can offer calibrations on your premises.

Of course, all services are in accordance with international standards.

Verification service

Our professional verification service offers conformity assessments and verification of balances and weights – for a feeling of security in compliance with legal requirements.

Individual customer solutions

We are the right partner for special customer requirements. KERN offers numerous modular system solutions for your very individual weighing requirements. Please contact us!

Service Portal

You can find aftersales support in our online service portal: Technical Support, help with questions or problems, etc.
www.kern-sohn.com/shop/en/Serviceportal/

Spare parts and repair service

In spite of reliable KERN quality: If you should ever need to make a complaint about our products, we will help you quickly, flexibly and in an unbureaucratic manner.

No storage costs

You have no storage costs – we maintain the storage. Direct dispatch of ordered goods to your customer is available, invoice will be issued to you (third party business).

Still got questions?

You can find all KERN Service Hotlines on the inside flap

KERN Pictograms



External adjustment
Quick setting up of the balance's accuracy with external adjusting weight



Memory
Device memory capacity, e.g. for article data, measuring data, tare weights, PLU etc.



Alibi memory
Secure, electronic archiving of measuring results, complying with the 2014/31/EU standard.



Data interface RS-232
To connect the device to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible



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



KERN Universal Port (KUP)
Allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WIFI, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort



USB data interface
To connect the device to a printer, PC or other peripherals



Bluetooth* data interface
To transfer data to a printer, PC or other peripherals



WIFI data interface
To transfer data to a printer, PC or other peripherals



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



Analogue interface
To connect a suitable peripheral device for analogue processing of the measurements



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



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



GLP/ISO log internal
The measuring device generates a GLP-compliant printout, independent of a printer connection



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



Totalising function
The weights of similar items can be added together and the total can be printed out



Net-Total
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out



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



Measuring 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



Protection against dust and water splashes IPxx
The type of protection is shown in the pictogram



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



Universal plug-in power supply
With universal input and optional input socket adapters for EU, CH, GB, US, AUS



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



Integrated power supply unit
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or US 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
Either with a 100 W high-pressure vapour lamp or a 5 W LED fluorescent unit



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 compensation
For measurements between 10 °C and 30 °C



Conformity assessment
The time required for conformity assessment is 3 working days



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

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-  Approved Medical Device
-  EC Type Approval

KERN Customer Consultants

With questions about our products and services, we will be happy to advise you:

UK, IE, BE, LU, IS, IT, MT



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KERN Hotlines

Technical questions about our products?

You will find assistance here quickly: +49 7433 9933- ...



Service Hotline

for general technical questions about your KERN product

→ 199

Medical Scales

for all technical questions concerning our baby scales, personal scales, handrail scales, chair scales, wheelchair scales, dynamometers

→ 499

Laboratory and Analytical Balances

for all technical questions concerning our high quality precision balances, analytical balances (especially with electromagnetic force-compensated measuring systems, tuning fork and high application density)

→ 444

Industrial Scales/Veterinary Scales

for all technical questions concerning our basic scales (laboratory & industry), pocket balances, school balances, bench scales, price-computing scales, platform scales, counting scales, counting systems, floor scales, pallet truck scales, crane scales, veterinary scales

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for any questions concerning our calibration and verification service

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KERN IoT-Line balances — smart weighing solutions for the digital future

COMMITMENT TO QUALITY AT AN INTERNATIONAL LEVEL



Partners with experience and competence are an essential factor for process-oriented processes in professional weighing and measuring technology. With KERN you have a service partner by your side who has a state-of-the-art test service with an accredited calibration laboratory. Our colleagues are available both for technical questions and also individual solutions and will be glad to help you.

The following accreditations and certificates represent our commitment to quality: Certified QM system DIN EN ISO 9001, DAkkS Accreditation DIN EN ISO/IEC 17025, conformity evaluation in accordance with NAWID: 2014/31/EU, Medical certifications DIN EN ISO 13485 and 93/42/EEC.

You can also find further information online, please see www.kern-lab.com



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NEW IN → 2026

Discover our innovative new products and trusted classics that will make your everyday medical practice even more effective and safer. Let yourself be inspired and impressed!

NEW



For animal-perfect precision: → Animal Scale KERN EOS-A

The new wireless animal scale makes weighing dogs, cats and other pets safe, stress-free and hygienic. State-of-the-art functions and easy handling make the scale perfect for everyday use at veterinary practices.

For details, see *Professional Care & Home Care*

NEW



Maximum efficiency meets convenience:

→ Chair Scale KERN MCF

The WIFI-enabled chair scale combines mobility, digital data recording and ergonomic design – perfect for clinics, medical practices and nursing homes. Thanks to smart functions such as hold and BMI determination, weighing is a safe and stress-free process, even for patients with restricted mobility.

For details, see *Professional Care & Home Care*

NEW



Big precision for the smallest:

→ Baby Scale KERN MBF

Versatile, practical, well-designed: The 2-in-1 baby scale with removable tray can be converted into a personal floor scale in no time at all. With its parent-child function, large tray and smart features such as the difference and hold functions, it ensures comfortable and safe weighing – from birth to early childhood.

For details, see *Professional Care & Home Care*

APPROVED MEDICAL DEVICES

Medical personal scales are understood to be all non-automatic scales that are intended to be used to determine the body weight in medical applications (e.g. patient, baby and chair scales, verified according to class). These scales are regulated by European Directive 2014/31/EU.

Medical personal scales are also governed by the regulations for medical devices that are placed on the market in accordance with European Directive 93/42/EEC.

All models in the Approved Medical Devices category are balances which require verification and which can be used in medical applications.

Approved Medical Devices – Types of scales for medical applications that require mandatory verification:

This includes all balances which are used for determining body weight in medical applications. Determining weight is used for prognosis, diagnosis, prevention, monitoring, treatment or alleviation of illnesses.

Verified medical personal scales with a maximum resolution of 3000 digits are classified as Verification Class III (see type plate).

Any balance which is going to be used in medical applications must be registered with the metrological authority within six weeks of commissioning in accordance with § 32 MessEG (Weights and Measures Act).

The requirements for re-verification are based on national regulations. In Germany, for example, this is the Verification Ordinance. The operator of the scale is obliged to ensure that the national requirements are met and that the conformity assessment markings remain intact.

KERN & SOHN GmbH does not accept responsibility for this.





When every centimetre counts – mechanical height rods approved as a medical device for professional use in medical diagnostics

MSB 80

- Portable mechanical height rod
- Approved as a medical device according to regulation (EU) 2017/745
- For babies up to a maximum of 80 cm
- Large guide surfaces make handling easier (aligning, shifting, reading)
- Measuring scale begins with 0 on the right and left, so it can be used in both directions
- Height rod can be taken apart for compact storage

MBA-A01

- Portable mechanical height rod
- Approved as a medical device according to regulation (EU) 2017/745
- For babies up to a maximum of 80 cm
- Robust construction
- Compact size
- Easy and hygienic cleaning
- Readout on scale with moveable stop
- Large guide surfaces make handling easier (aligning, shifting, reading)

MSC 100

- Portable mechanical height rod
- Approved as a medical device according to regulation (EU) 2017/745
- For infants up to a maximum of 100 cm
- Readout on scale with moveable stop
- Sturdy aluminium profile
- Stop can be folded for compact storage

MSF 200

- Mechanical height rod
- Approved as a medical device according to regulation (EU) 2017/745
- Readability on scale with moveable, foldable stop
- Readout on scale with moveable, foldable stop or mounting on KERN scales MPS-PM, MPB-P or wall-mounted **1**
- Sturdy aluminium profile

Discover more details and matching accessories online!



STANDARD



CE
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Model	Measuring range	Increments	Overall dimensions	Net weight	Price excl. of VAT ex works €
KERN	cm (inch)	mm (inch)	W×D×H mm	approx. kg	
MSB 80	10 – 80	1	882×70×28	0,70	110,-
MBA-A01	30 – 80 (11½ – 31½)	1 (⅛)	850×240×60	0,40	120,-
MSC 100	7,5 – 100 (2½ – 39¼)	1 (⅛)	1020×290×50	0,70	110,-
MSF 200	60 – 205 (23½ – 78¾)	1 (⅛)	53×40×1000	0,80	110,-



Elegantly-shaped baby scale – with approval for professional mobile or stationary medical use in medical diagnostics, verification optional





Discover more details and matching accessories online!

Features




- Verification class III (verification is optional)
- Approved as a medical device according to regulation (EU) 2017/745
- The large tray, with its optimal ergonomic curvature, is ideal for the safe weighing of babies
- **1** Special function for neonatology centres: Difference function for calculating the weight gain before and after feeding
- Robust ABS plastic. Easy and hygienic cleaning
- Secure and non-slip positioning with rubber feet
- Hold function: While weighing patients that are unable to lie still, a mean average weight value is determined
- KERN MBC: Protective working cover included with delivery
- KERN MBC-E: Identical in construction to KERN MBC but without mains adapter, especially suitable for mobile use, e.g. for midwives
- **2** Option: Mechanical height rod to fix to the scale, measuring range 10 cm – 80 cm, increments of 1 mm, see internet
- **3** Option: Carrying case for mobile use, only for models without height rod, see internet

Technical data

- Backlit LCD display, digit height 25 mm
- Dimensions of tray W×D 600×276 mm
- Overall dimensions W×D×H 320×410×70 mm
- Overall dimensions incl. optional height rod W×D×H 600×410×112 mm
- KERN MBC: Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- KERN MBC-E: Batteries included, 6×1.5 V AA, operating time up to 20 h
- Net weight approx. 4,6 kg



*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




MBC

OPTION



MBC-E


FACTORY



M

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Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification	
					 KERN	€
KERN	[Max] kg	[d] kg	[e] kg			
MBC 15K2DEM	6 15	0,002 0,005	0,002 0,005	370,-	965-128.	48,-
MBC 15K2DM	6 15	0,002 0,005	0,002 0,005	410,-	965-128.	48,-
MBC 20K10EM	20	0,01	0,01	370,-	965-128.	48,-
MBC 20K10M	20	0,01	0,01	410,-	965-128.	48,-



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





Discover more details and matching accessories online!

Features





- Verification class III (verification is optional)
- Approved as a medical device according to regulation (EU) 2017/745
- Modern design
- **1** 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
- **2** Option: Mechanical height rod to fix to the scale, measuring range 30 cm – 80 cm, increments of 0,1 cm, see internet

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

*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



Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law	
					Verification	
KERN	[Max] kg	[d] kg	[e] kg		 KERN	€
MBA 10K-3M	15	0,005	0,005	540,-	965-128.	48,-



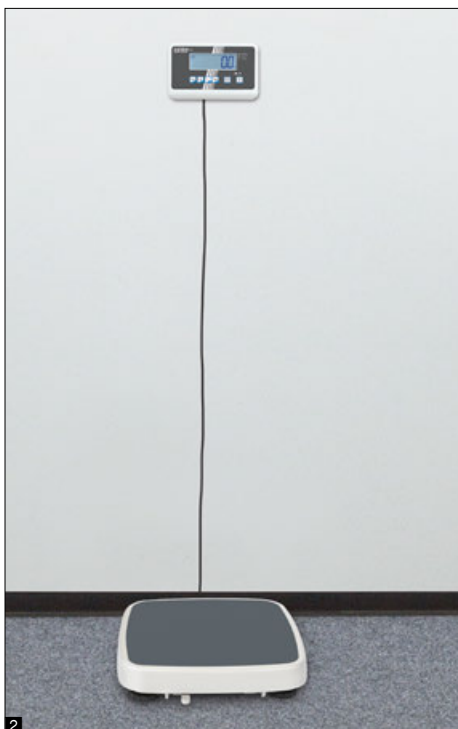
**Compact personal floor scale – with approval for professional medical use
in medical diagnostics, verification optional**



KERN MPC 250K100M



KERN MPC 300K-ILM



Discover more details and matching accessories online!

Features

- Verification class III (verification is optional)
- Approved as a medical device according to regulation (EU) 2017/745
- The bestseller for doctor's surgeries, chemists and hospitals
- Robust design for daily use in a professional environment
- Easy and hygienic cleaning
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- KERN MPC 300K-1LM: Version with [Max] = 300 kg and larger weighing plate
- **1** Sturdy handle for easy transportation of the scale
- **2** Flexible positioning of display device. Wall mount for display device standard
- **3** Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- High resolution readability: readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- BMI function to determine underweight/normal weight/surplus weight
- Hold function: While weighing patients that are unable to stand still, a mean average weight value is determined

- Parent-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
- GLP/ISO report, printout of weight value, BMI etc. with date and time
FLP/GMP-compliant print form in DE, EN, FR, only in combination with RS-232 interface cable KERN CFS-A01 + MPC-A01 and printer KERN YKB-01N
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of display device W×D×H 200×130×60 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

*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



Model	Weighing capacity	Readability	Verification value	Weighing plate	Net weight	Price excl. of VAT ex works €	Mandatory by law Verification	
	[Max] kg	[d] kg	[e] kg	W×D×H mm	approx. kg		 KERN	€
KERN								
MPC 250K100M	250	0,1	0,1	365×370×80	9	410,-	965-129	72,-
MPC 300K-1LM	300	0,1	0,1	500×455×120	11	690,-	965-129	72,-



**Professional step-on personal floor scale approved as a medical device,
verification optional**





Discover more details and matching accessories online!

Features

- Verification class III (verification is optional)
- Approved as a medical device according to regulation (EU) 2017/745
- **1** Easy to use with no waste of time – simply tap on it, stand on it, read the weight
- Robust design for daily use in a professional environment
- Ergonomically optimised design
- Easy and hygienic cleaning
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- **2** KERN MPD 200K-1EM: Identically to MPD though without backlight and mains adapter, battery operation only, due to the reduced resolution higher display performance. Especially attractive in price
- **3** Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- KERN MPD: Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Weighing platform dimensions W×D×H 365×360×80 mm
- Dimensions of display device W×D×H 200×130×60 mm
- Overall dimensions W×D×H 365×490×120 mm
- Net weight approx. 9 kg

MPD 250K100M




- Large backlit LCD display, digit height 25 mm
- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard

MPD 200K-1EM

- Large LCD display, digit height 25 mm, without backlight
- Practical battery operation, batteries included, 6×1.5 V AA, operating time up to 20 h


*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




MPD

OPTION





MPD

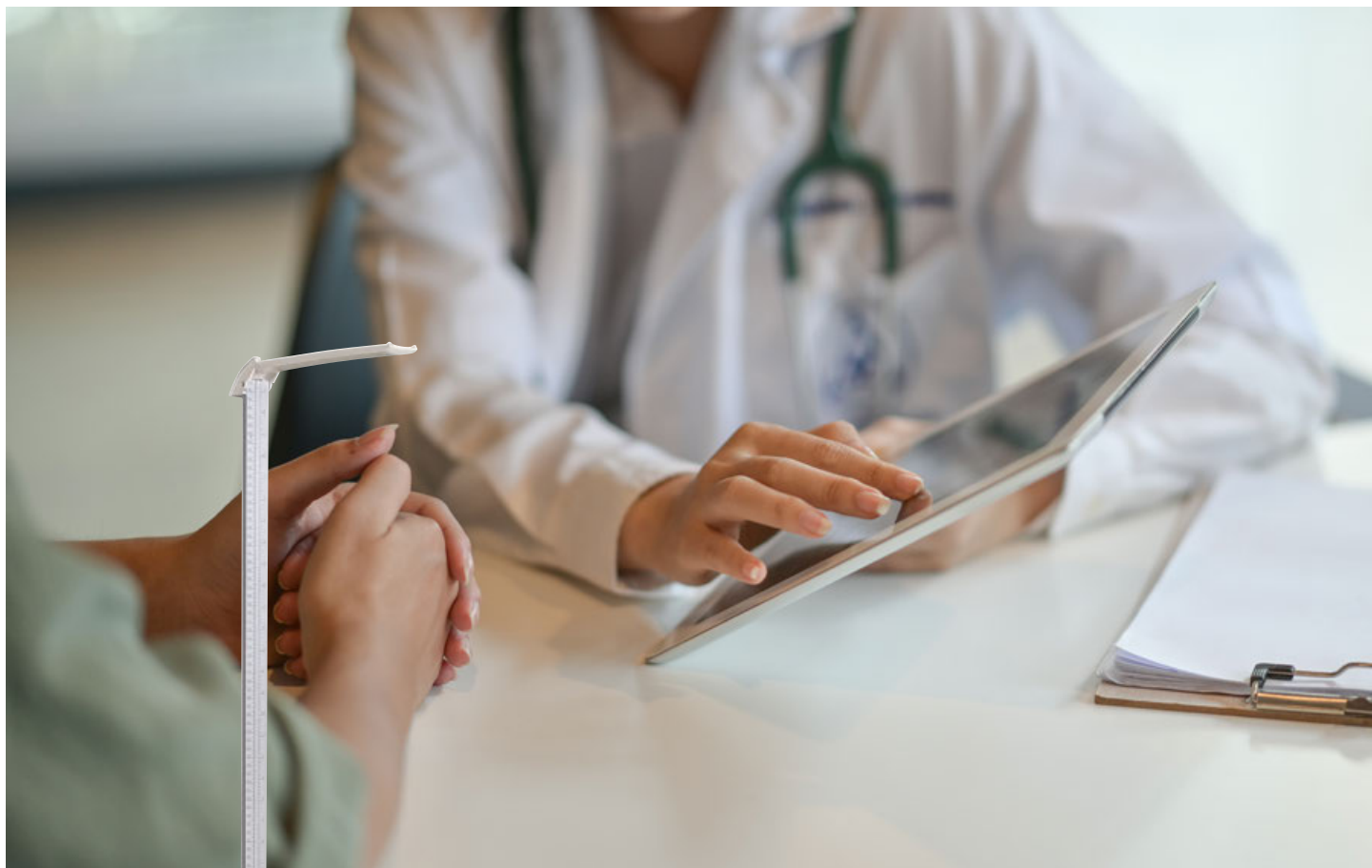
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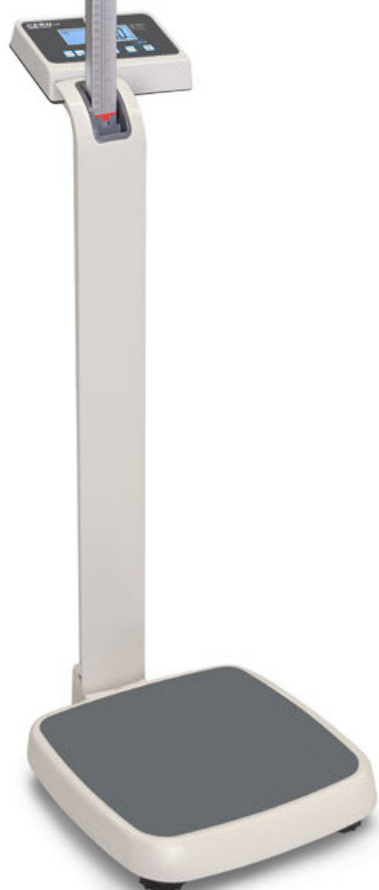
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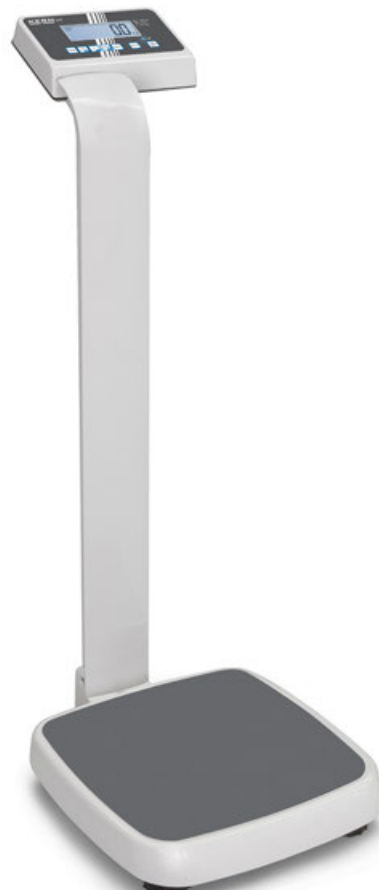
Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law	
					Verification	
KERN	[Max] kg	[d] kg	[e] kg		 KERN	€
MPD 250K100M	250	0,1	0,1	410,-	965-129	72,-
MPD 200K-1EM	250	0,2	0,2	370,-	965-129	72,-



**High quality personal floor scale with BMI function –
with approval for professional medical use in medical
diagnostics, verification optional**



KERN MPE-HM



KERN MPE-PM



Discover more details and matching accessories online!

Features

- Verification class III (verification is optional)
- Approved as a medical device according to regulation (EU) 2017/745
- **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 MPE-HM 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 90 – 205 cm
- Robust design with ergonomically optimised shape
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- 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

- Parent-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
- Data interface RS-232 as standard
- **3** Easy to transport thanks to the two integrated transport wheels
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery
- KERN MPE-E: Identical in construction to the KERN MPE. Supplied without mains adapter, but with batteries, which makes the price attractive

Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing platform dimensions W×D×H 365×360×80 mm
- Overall dimensions W×D×H
KERN MPE-PM: 365×570×1030 mm
KERN MPE-HM: 365×570×2134 mm, with extracted height rod
- Net weight approx. 12 kg

KERN MPE

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

KERN MPE-E

- Batteries included, 6×1.5 V AA, operating time up to 20 h

*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
RS 232 GLP MPE 1 DAY	MPE-E	M CE 0297

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification	
	[Max] kg	[d] kg	[e] kg		KERN	€
KERN						
MPE 200K-1PEM	250	0,1	0,1	550,-	965-129	72,-
MPE 250K100PM	250	0,1	0,1	600,-	965-129	72,-
MPE 200K-1HEM	250	0,1	0,1	600,-	965-129	72,-
MPE 250K100HM	250	0,1	0,1	650,-	965-129	72,-

DIGITAL PRECISION THAT CONNECTS

Medical scales from the KERN Premium Line streamline work processes, prevent transmission errors and enable a rapid transition to a networked practice or clinic – it's as simple as switching on the scales

Networked weighing is indispensable today

Every weight measurement is a basis for medical decision-making: Dosages are adjusted and nutritional plans drawn up. Without seamless data transfer, there is a risk of media discontinuity – and therefore typing errors, missing time stamps or delays in treatment. Networked scales close this gap and create a continuous flow of information from patient contact right through to the hospital archive.



Play it safe with connectivity and a digital workflow

- **Safe treatments:**
Real-time data provides the basis for quick and precise adjustments to medication and nutrition
- **Legal conformity:**
Automatic storage with time stamp guarantees complete documentation
- **Process speed:**
The digital workflow saves valuable time with every measurement – paying off multiple times during each visit
- **Data quality:**
Error-free data thanks to automatic transmission – fewer queries, more time for patients and a noticeably higher level of patient satisfaction

Digitalisation begins with the first measurement

The integrated WiFi module enables direct and secure transfer of weight data to existing EMR/EHR systems – eliminating the need for paperwork and manual typing. The modular KERN Universal Port (KUP) offers maximum interface flexibility: USB, Bluetooth, Ethernet adapter or RS-232 can be connected without recalibration. This keeps your infrastructure open for future process chains and integrations – from individual workstations right through to networked complete solutions.

The most important features at a glance

- **Integrated WiFi**
Measurements are transferred to the digital patient file without data loss
- **KUP interface**
Free choice of four adapter types – no need to recalibrate the scale
- **Dual display**
Simultaneous display for patient and specialist personnel (only for MPN 200K-1PM & MPN 200K-1HM)
- **Hold function**
Stable weight value using an average weight procedure for restless patients
- **Parent-child function**
Quick weight determination of the child by taring the parent who is also weighed
- **High-resolution mode**
Temporarily finer measurements for research and nutrition
- **Alibi memory**
Legally compliant archiving of date, time, ID, weight

Models of the KERN Premium Line

Personal Floor Scale MPN

for wireless transmission of weighing data



Baby scale MBA
with Safe-Guard tray

Chair scale MCN

with WiFi interface and BMI function



Wheelchair platform scale MWN
with hold function

DIGITAL WEIGHT RECORDING



Cleverly documented, burden eased

In medical practices Weigh once, full documentation – completely automatically.

A patient's body weight is transferred directly to their digital file when they are weighed. No transposed figures, no manual data capture – instead more time for conversations, shorter waiting times and a smooth practice workflow.

This keeps the focus where it belongs: on the people.



In hospitals Every second counts here – and every bit of information has to be right.

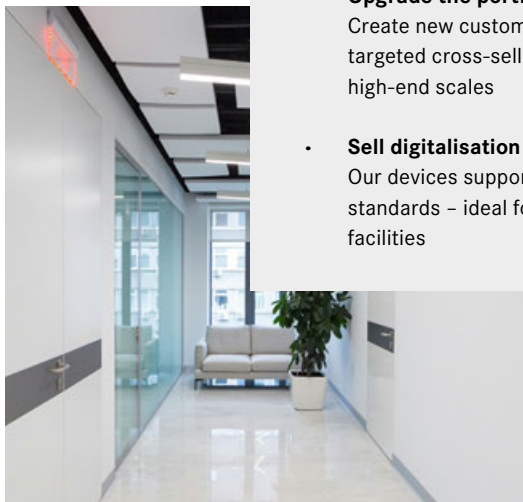
After identification, the patient's weight is automatically recorded along with the time stamp, user and device ID. This saves valuable time, relieves the burden on medical staff and ensures seamless, audit-proof documentation.

From admission to mobile checkups: The data capture adapts flexibly to everyday clinical routines – it's secure, fast and traceable.



Create added value, increase revenue

- **Upgrade the portfolio**
Create new customer opportunities and utilise targeted cross-selling potential with networkable high-end scales
- **Sell digitalisation**
Our devices support common protocols and IoT standards – ideal for modern, digital healthcare facilities
- **Increase service revenue**
Additional revenue from accessories such as batteries, storage modules, adapters or software licences
- **Use targeted brand strengths**
Benefit from over 180 years of KERN & SOHN, ISO 9001/13485 certification and – depending on the model – accredited calibration or conformity assessment



→ **Discover our KERN Premium Line
– for the highest standards**



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



Discover more details and matching accessories online!

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
- 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
- Parent-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

*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



Model	Weighing capacity [Max] kg	Readability [d] kg	Verification value [e] kg	Weighing plate W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €	Mandatory by law Verification	
							M KERN	€
KERN								
MPN 200K-1M	250	0,1	0,1	365×370×80	9	630,-	965-129	72,-
MPN 300K-1LM	300	0,1	0,1	400×500×120	12	800,-	965-129	72,-



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



KERN MPN-H



KERN MPN-P



Discover more details and matching accessories online!

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
- 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
- Parent-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
- 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

*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



Model	Weighing capacity	Readability	Verification value	Overall dimensions (with extracted height rod) W×D×H mm	Price excl. of VAT ex works €	Mandatory by law	
						Verification	€
KERN	[Max] kg	[d] kg	[e] kg			 KERN	
MPN 200K-1PM	250	0,1	0,1	365×570×1030	790,-	965-129	72,-
MPN 200K-1HM	250	0,1	0,1	365×570×2134	840,-	965-129	72,-



Ergonomically optimised chair scale – with approval for professional medical use in medical diagnostics, verification optional





Discover more details and matching accessories online!

Features

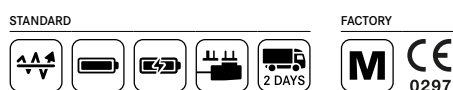
- Verification class III (verification is optional)
- Approved as a medical device according to regulation (EU) 2017/745
- This chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can weigh overweight people
- **1** Mobile 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 extra wide, comfortable, ergonomically-optimised seat offers safe, secure seating 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
- **3** 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
- Protective working cover included with delivery
- Option: Practical mains adapter pouch to store the mains adapter which is supplied as standard. Fitting option using two Velcro fasteners, see internet

Technical data

- **3** LCD display, digit height 25 mm
- Dimensions of display device W×D×H 200×130×60 mm
- Dimensions of seating surface W×D 390×360 mm
- Overall dimensions W×D×H 1000×640×950 mm
- Rechargeable battery pack integrated, as standard, operating time up to 40 h without backlight, charging time approx. 12 h
- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- **4** External mains adapter as standard, with strain-relief and disconnecter plug to protect the power supply components
- Net weight approx. 24 kg

*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.



Model	Weighing capacity [Max] kg	Readability [d] kg	Verification value [e] kg	Price excl. of VAT ex works €	Mandatory by law	
					Verification	
KERN						
MCC 250K100M	250	0,1	0,1	1250,-	965-129	72,-



Mobile integratable chair scale with four steerable wheels for medical diagnostics, optionally with verification

NEW





Discover more details and matching accessories online!

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
- This networkable chair scale is the ideal measuring instrument for clinics, doctors' surgeries, retirement homes and rehabilitation centres with high patient volumes; it is also suitable for overweight people.
- **2** Mobile version with particularly convenient locking brakes on all four wheels

- 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 four steerable 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
- **1** 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
- Hold function: While weighing patients that are unable to sit 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
- 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

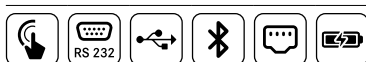
- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 210×54×100 mm
- Dimensions of seating surface W×D 390×360 mm
- Overall dimensions W×D×H 647×860×910 mm
- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 22 kg

* 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



Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law	
					Verification	
KERN	[Max] kg	[d] kg	[e] kg			€
MCF 300K-1M	300	0,1	0,1	1500,-	965-129	72,-



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





Discover more details and matching accessories online!

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
- 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

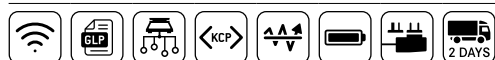
- The rollers, with their large diameter, make it easier to get over door thresholds, edges and across the gaps into elevators
- For fragile patients, the comfortable, ergonomically optimised seat offers secure support during weighing
- Because of the clearly contrasting black colour of the seating surface, 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
- Option: Practical mains adapter pouch to store the mains adapter which is supplied as standard. Fitting option using two Velcro fasteners, see internet

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

*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



Model	Weighing capacity	Readability	Verification value	Net weight	Price excl. of VAT ex works €	Mandatory by law Verification	
	[Max] kg	[d] kg	[e] kg	approx. kg		KERN	€
KERN MCN 200K-1M	250	0,1	0,1	24	1400,-	965-129	72,-



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



KERN MWA 300K-1PM



KERN MWA 300K-1M



4 ▲ KERN MWA 300K-1M + MWA-A04:

With the two practical handrails of the integrated folding patient seat, you can easily convert the wheelchair platform scale into a multi-functional scale. This way patients can be weighed standing up, with support from the handrail or in a comfortable seated position. If you fold the patient seat up, then a wheelchair can be pushed or driven onto the scale. The strut rod included with delivery ensures a high level of stability and torsional rigidity. The drive-through protection which is also fitted as standard for the front wheels of the wheelchair gives an extra level of safety. Please order when ordering your balance, see internet



3 ◀ KERN MWA-A02:
Handrail, without column, cannot be folded, for self-assembly on the KERN MWA 300K-1M wheelchair platform scale or MWA 300K-1PM. Converts the wheelchair platform scale into a multi-functional scale. Allows weighing when standing up, with support or in the wheelchair, see internet

Discover more details and matching accessories online!

- Features**
- Verification class III (verification is optional)
 - Approved as a medical device according to regulation (EU) 2017/745
 - Especially suitable for weighing patients in wheelchairs because of the low-profile platform which can be approached from either side
 - **1** The large steel weighing plate also makes it ideal for weighing obese patients
 - Level indicator to level the balance precisely
 - Hold function: While weighing patients that are unable to sit or stand still, a mean average weight value is determined
 - KERN MWA 300K-1PM: Wheelchair platform scale with practical handrail incl. column for easy, ergonomic mounting of the display device. The handrail offers patients that extra level of safety when driving or stepping onto the weighing platform

- **2** Both access ramps and the handrail can be folded up quickly and easily, e.g. for transportation
- BMI function to determine underweight/normal weight/surplus weight
- Battery- or mains-powered, rechargeable battery operation optional
- High resolution readability: readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- GLP/ISO report, printout of weight value, BMI etc. with date and time. FLP/GMP-compliant print form in DE, EN, FR, only in combination with RS-232 interface cable KERN CFS-A01 and printer KERN YKB-01N
- Protective working cover included with delivery

- Technical data**
- Large backlit LCD display, digit height 25 mm
 - Dimensions weighing surface W×D 880×840 mm
 - Dimensions of display device W×D×H 200×130×60 mm
 - Cable length of display device approx. 3 m
 - Overall dimensions, without handrail, W×D×H 1180×1130×90 mm
 - Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
 - Mains adapter external, standard
 - Net weight approx. 70 kg

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STANDARD

RS 232

GLP

PT IP 65

2 DAYS

1

OPTION

FACTORY

M

CE 0297

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law	
					Verification	
KERN	[Max] kg	[d] kg	[e] kg			€
MWA 300K-1M	300	0,1	0,1	1650,-	965-129	72,-
MWA 300K-1PM	300	0,1	0,1	1690,-	965-129	72,-



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





Discover more details and matching accessories online!

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
- 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
- KERN MWN: With the practical KERN MWN-A02 handrail set, the wheelchair platform scale KERN MWN can be converted quickly and easily into a multi-function scale. In this way patients can be weighed standing up on their own, using the support of the handrail or in a wheelchair.

- For a more ergonomic system the display device can be fitted directly onto the handrail
- KERN MWN-L: Due to its large dimensions and large weighing capacity, it is especially suitable for weighing immobile patients on stretchers or wheelchairs
- 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
- 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
- Display device with two magnets on the back, ideal to fix it to metallic surfaces, e.g. to the weighing plate
- 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
- Protective working cover included with delivery

Technical data

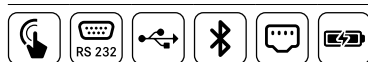
- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 210×54×100 mm
- Cable length of display device approx. 1,8 m
- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard

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STANDARD



OPTION



FACTORY



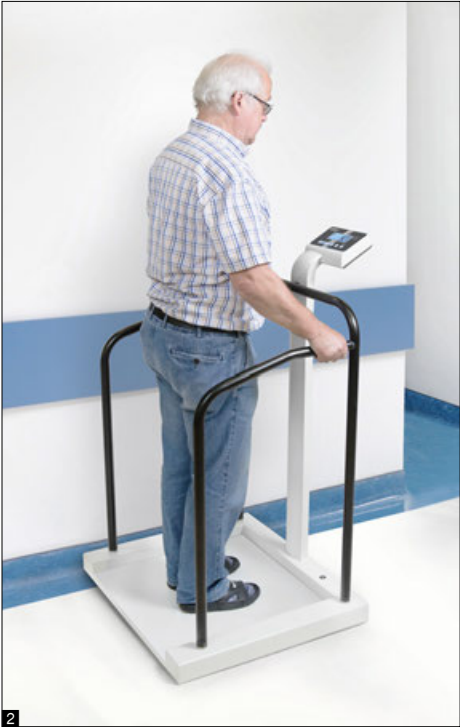
Model	Weighing capacity	Readability	Verification value	Weighing plate	Overall dimensions	Net weight	Price excl. of VAT ex works €	Mandatory by law Verification	
	[Max] kg	[d] kg	[e] kg	W×D×H mm	W×D×H mm	approx. kg		KERN	€
KERN MWN 300K-1M	300	0,1	0,1	740×901×65	1150×8349×73	30	1490,-	965-129	72,-
KERN MWN 400K-1M <small>NEW</small>	300 400	0,1 0,2	0,1	995×999×65	1256×1109×70	44	1950,-	965-130	92,-
KERN MWN 300K-1LM <small>NEW</small>	300	0,1	0,1	1196×797×68	1506×920×68	42	1990,-	965-129	72,-

NEW New model



Sturdy handrail scale for a secure feeling during weighing – with approval for professional medical use in medical diagnostics, verification optional





Discover more details and matching accessories online!

Features

- Verification class III (verification is optional)
- Approved as a medical device according to regulation (EU) 2017/745
- Ideal for care homes, centres for geriatric medicine, internal medicine and many more
- **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
- Large surface, for the patient to have the most secure footing, hygienic and easy to clean
- Particularly easy access to the platform through its low height of just 30 mm
- Level indicator to level the balance precisely
- Hold function: While weighing patients that are unable to sit or stand still, a mean average weight value is determined
- **2** The sturdy support structure helps fragile and weak patients to stand safely and, at the same time, allows a precise determination of the patients' weight
- BMI function to determine underweight/normal weight/surplus weight
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of display device W×D×H 200×55×128 mm
- Dimensions weighing surface W×D 600×600 mm
- Weighing platform dimensions 780×680×68 mm
- Overall dimensions W×D×H 780×680×1100 mm
- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 42 kg

*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

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law	
					Verification	
KERN	[Max] kg	[d] kg	[e] kg		 KERN	€
MTA 400K-1M	300 400	0,1 0,2	0,1 0,2	2060,-	965-130	92,-

PROFESSIONAL & HOME 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)





Discover more details and matching accessories online!

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



Model	Measuring range	Increments of	Overall dimensions	Net weight	Price excl. of VAT ex works €
KERN	mm (inch)	mm (inch)	W×D×H mm	approx. kg	
MSW 200	10 – 205 (4 – 80) inch	1 (0,1)	55×90×20	0,05	10,-
MSW 200S05	10 – 205 (4 – 80) inch	1 (0,1)	55×90×20	0,25	45,-



Discover more details and matching accessories online!

Multifunctional baby and toddler scales with parent-child function

Features

- **1** 2-in-1 function: Combination scales with removable baby weighing tray, can be used as baby scales and personal scales up to 100 kg
- Large, ergonomically optimised tray for safe weighing of neonates
- Robust plastic tray
- Easy and hygienic cleaning
- Parent-child function: One parent weighs themselves alone first, then together with the child. The child's weight is displayed automatically
- Difference function for calculating the weight gain before and after feeding
- Hold function: If people are lying or standing unsteadily, an average is taken to determine a stable weight value
- Automatic display rotation: The display rotates from a weight of 20 kg for optimum readability when used as a personal scale.
- Touch-sensitive touch buttons for easy handling
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb




Technical data

- LCD display, digit height 20 mm
- Dimensions of tray W×D 600×295 mm
- Weighing platform dimensions without baby weighing tray, W×D×H 230×230×40 mm
- Overall dimensions W×D×H 600×354×91,5 mm
- Batteries included, 3×1,5V AAA, operating time up to 51 h
- Net weight approx. 1,6 kg

Main scope of applications

- Private households
- Chemists

STANDARD



1 DAY

Model	Weighing capacity	Readability	Price excl. of VAT ex works €
	[Max] kg	[d] kg	
KERN			
MBF 100K-2	20 100	0,01 0,05	150,-



Discover more details and matching accessories online!

Elegant look combined with large, flat glass weighing plate to make it easier to step on and give maximum safety

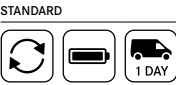
Features

- Sturdy glass weighing plate
- KERN MGD-L: particularly large weighing plate for secure, comfortable standing position
- Easy and hygienic cleaning
- Particularly flat design facilitates access
- Generous weighing range
- Secure and non-slip positioning with rubber feet
- Easy to operate: simply tap on it – stand on it – read the weight
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb
- 1 Large display that is easy to read
- 2 Delivered in single design packaging

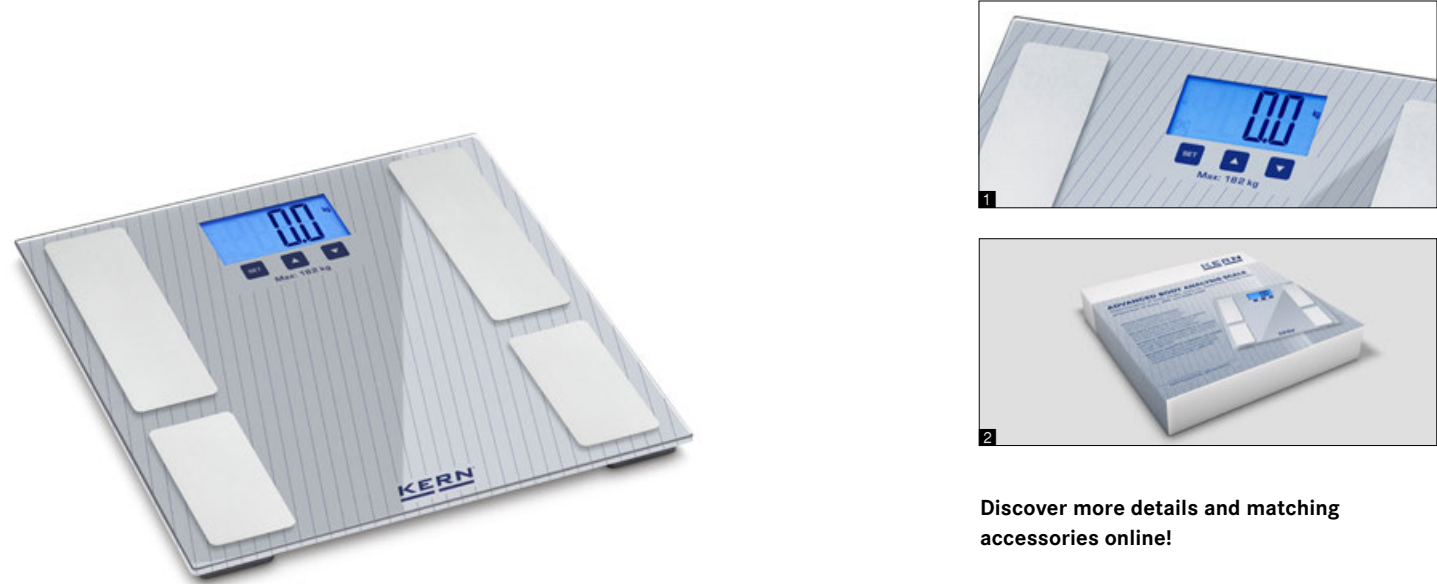
Technical data

- MGD 100K-1**
- LCD display, digit height 40 mm
 - Dimensions weighing surface W×D 300×300 mm
 - Batteries included, 2×CR2032, operating time up to 100 h
 - Net weight approx. 1,6 kg
- MGD 200K-1L**
- LCD display, digit height 50 mm
 - Dimensions weighing surface W×D 380×330 mm
 - Batteries included, 3×1,5V AAA, operating time up to 100 h
 - Net weight approx. 1,6 kg

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



Model	Weighing capacity	Readability	Quantity delivered (balance)	Price excl. of VAT ex works €
	[Max] kg	[d] kg		
KERN				
MGD 100K-1	180	0,1	1	45,-
MGD 100K-1S05	180	0,1	5	130,-
MGD 200K-1L	250	0,1	1	55,-
MGD 200K-1LS05	250	0,1	5	190,-



Discover more details and matching accessories online!

Design body analysis scale to determine body weight, body fat, body fluid, muscle mass, proportion of bone, BMI and metabolic rate/metabolic rate when exercising

Features




- Used to determine body fat, body water, muscle mass with an accuracy of 0.1 % as well as the body weight and bone mass in 0.1 kg increments
- Display showing the calorie requirements for maintaining the current body weight depending on the level of activity and sex
- Sturdy glass weighing plate with four large contact surfaces for maximum precision
- Easy and hygienic cleaning
- Particularly flat design facilitates access
- Secure and non-slip positioning with rubber feet
- Easy to operate: simply tap on it – stand on it – read the weight
- Memory for up to 10 people (gender, age, height, level of activity)
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb
- 1 Large high-contrasted display that is easy to read
- 2 Delivered in single design packaging

Technical data

- LCD display, digit height 35 mm
- Overall dimensions W×D×H 300×300×25 mm
- Batteries included, 2×CR2032, operating time up to 100 h
- Net weight approx. 1,8 kg

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



Model	Weighing capacity	Readability	Quantity delivered (balance)	Price excl. of VAT ex works €
	[Max] kg	[d] kg		
KERN				
MFB 150K100	182	0,1	1	55,-
MFB 150K100S05	182	0,1	5	190,-



Discover more details and matching accessories online!

The robust classic for quick determination of body weight

Features

- Timeless design
- Robust construction
- 1 Large, clear circular scale which is easy to read
- 2 Large tread with anti-slip surface made of plastic
- Secure and non-slip positioning with rubber feet
- Easy to operate: stand – read the weight
- Easy adjustment of the display using the setting wheel
- Delivered in single design packaging

Technical data

- Digit height 8 mm
- Overall dimensions W×D×H 290×425×90 mm
- Net weight approx. 3,2 kg

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



Model	Weighing capacity	Readability	Quantity delivered (balance)	Price excl. of VAT ex works €
	[Max] kg	[d] kg		
KERN				
MGC 100K-1	150	1	1	85,-
MGC 100K-1S05	150	1	5	360,-



Discover more details and matching accessories online!

Personal scale with particularly large, flat weighing plate to make it easier to step on and give maximum safety

Features




- This personal scale is the ideal measuring instrument for elderly care, paramedics or private sector
- Very large weighing plate
- Easy and hygienic cleaning
- **1** The scale can be easily transported using a handle and does not require much storage space
- **2** Very large platform with non-slip and wear-resistant plastic-surface
- Particularly flat design facilitates access
- Easy to operate: simply tap on it – stand on it – read the weight
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb
- Large display that is easy to read
- Delivered in single design packaging

Technical data

- Large LCD display, digit height 30 mm
- Overall dimensions W×D×H 434×370×40 mm
- Ready for use: Batteries included, 4×1,5 V AAA, operating time up to 20 h
- Net weight approx. 3,2 kg

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



Model	Weighing capacity	Readability	Quantity delivered (balance)	Price excl. of VAT ex works €
	[Max] kg	[d] kg		
KERN				
MPI 200K-1	200	0,1	1	105,-
MPI 200K-1S05	200	0,1	5	490,-



Discover more details and matching accessories online!

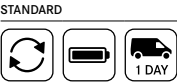
Personal scale with column for convenient, ergonomically-optimised operation

Features

- This personal scale is the ideal measuring instrument for elderly care, paramedics, fitness clubs or in the private sector and can weigh overweight people up to 250 kg
- KERN MPL: BMI function to determine underweight/normal weight/surplus weight
- KERN MPL: Tare function to zero the balance
- Weight displayed in kg or lb
- **1** Particularly flat design facilitates access
- Sturdy glass weighing plate for secure, comfortable standing position
- Easy and hygienic cleaning
- **2** Large display that is easy to read
- **2** The column, which is firmly fixed to the scale, makes it easy to operate the scale as well as to read the weighing results even under poor lighting conditions
- Easy to operate:
simply tap on it – stand on it – read the weight
- Integrated AUTO-OFF function to preserve the batteries
- **3** Delivered in design packaging

Technical data

- Large LCD display, digit height 28 mm
- Weighing platform dimensions W×D×H 350×350×45 mm
- Overall dimensions W×D×H 350×420×955 mm (incl. stand)
- Batteries included, 4×1.5 V AA, operating time up to 100 h
- Net weight approx. 3,8 kg



Model	Weighing capacity	Readability	Price excl. of VAT ex works €
	[Max] kg	[d] kg	
KERN			
MPK 200K-1P	250	0,1	210,-
MPL 200K-1P	250	0,1	220,-



Discover more details and matching accessories online!

Personal floor scale with BMI function

Features

- Sturdy steel weighing plate with a non-slip and wear-resistant surface
- Easy and hygienic cleaning
- Secure and non-slip positioning with rubber feet
- Hold function: While weighing patients that are unable to stand still, a mean average weight value is determined
- Simple and convenient 4-key operation
- BMI function to determine underweight/normal weight/surplus weight
- Wall mount for the display device, as standard, only for models without a stand
- Battery- or mains-powered
- Option: ■ Mechanical height rod to fix to the scale, measuring range 60 cm – 205 cm, increments of 0,1 cm, see internet

Technical data

- LCD display, digit height 25 mm
- Dimensions of display device W×D×H 210×110×50 mm
- KERN MPB: Cable length of display device approx. 1,2 m
- Overall dimensions W×D×H
KERN MPB: 315×300×60 mm
KERN MPB-P: 315×450×1000 mm (incl. stand)
- Battery operation possible, 6×1.5 V AA not included, operating time up to 170 h
- Mains adapter external, standard

STANDARD

Model	Weighing range	Readout	Weighing plate	Net weight	Price excl. of VAT ex works €
	[Max] kg	[d] kg	W×D×H mm	approx. kg	
KERN					
MPB 300K100	300	0,1	315×300×60	4,6	230,-
MPB 300K100P	300	0,1	315×300×55	7	425,-

PATIENTS AND CUSTOMERS OPTIMUM CARE

Weight management in the care sector – with the wide variety of balances from KERN you can guarantee the very best patient care for your customers

Our KERN range guarantees high-quality patient care in care institutions and clinics. Our medical scales are available in different versions and offer high precision, the highest levels of safety and comfort for all patient groups.

With our comprehensive range of products and support, we can help you as a dealer to effectively meet the challenges of your customers in the care sector and strengthen your market position.



→ Do you need a personal consultation?

Please contact us:

Tel. +49 7433 9933-268

jobst.kamal@kern-sohn.com

KERN advantages for you as a dealer:

- **Expand your product portfolio** – with our balances you can position yourself as an all-round equipment supplier for care institutions.
- **Increase your market opportunities** – at a time when the population is ageing and the need for high-quality care is increasing, our products offer significant opportunities for growth.
- **Increase customer satisfaction** – by providing products, which simplify day-to-day nursing care and improve patient care.
- **Support and training** – we offer extensive training courses and technical support, to make sure that care institutions gain the most benefit from our products.



The KERN range – ideal for the healthcare sector

Precise, reliable measurements: Precise weight data is crucial for the correct dosage of medication and for monitoring the patients' nutritional situation.

Improved safety and comfort: Our wheelchair and chair weighers maximise safety and stability, while handrail scales offer patients the very best support when standing.

Supporting digitization: Our balance models are fitted with optional interfaces which enable them to be integrated seamlessly into the systems of healthcare facilities. This makes it easier to efficiently monitor, document and manage patient data.

Excerpt from the KERN product range for medical devices:

Personal scales with and without altimeter

For routine monitoring and calculation of body mass index



Chair weighers

A safe and comfortable solution for weighing patients who cannot stand safely

Wheelchair platform scales

Simple and effortless weight measurement for patients who are dependent on a wheelchair



Handrail scales

To support patients who need support when standing



Discover more details and matching accessories online!

Mobile chair scale in ergonomically-optimised design for safe, convenient weighing

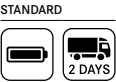
Features

- This chair scale is the ideal measuring instrument for elderly care and for paramedics, and is also suitable for overweight people with a weight
- **1** Mobile version with four steerable wheels and particularly convenient locking brakes on both rear wheels
- With its four steerable wheels, this chair scale provides maximum mobility by bringing the scale to the patient. This ensures more efficient use of time for the 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 and footrests ideally suitable for dementia patients

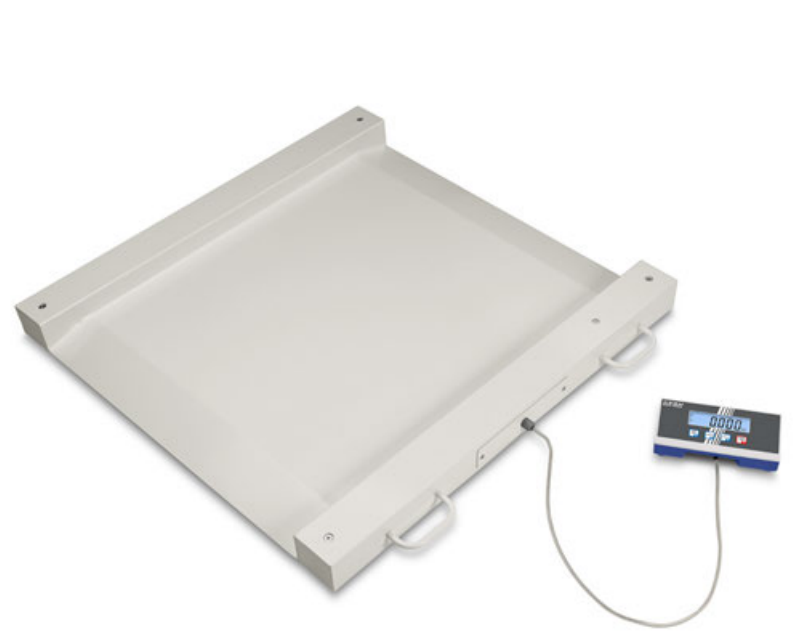
- **2** Two foldable armrests and footrests make transfers into the chair easier. Ideal for overweight patients or barrier-free use, e.g. for transfers from a bed to the scale
- **3** Ergonomically positioned carrying handles
- Hold function: While weighing patients that are unable to sit still, a mean average weight value is determined
- BMI function to determine underweight/normal weight/surplus weight
- Practical battery operation using standard batteries ensures a high level of flexibility and freedom from mains adapters, sockets, chargers, etc.
- High resolution readability: readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 200×130×60 mm
- Dimensions of seating surface W×D 390×360 mm
- Overall dimensions W×D×H 625×990×985 mm
- Batteries included, 6×1.5 V AA, operating time up to 40 h
- Net weight approx. 22 kg



Model	Weighing capacity	Readability	Price excl. of VAT ex works €
	[Max] kg	[d] kg	
KERN			
MCD 300K-1	300	0,1	990,-



Discover more details and matching accessories online!

Mobile wheelchair platform scale with handles and rollers

Features

- Especially suitable for weighing patients in wheelchairs because of the low-profile platform which can be approached from either side
- **1** The large steel weighing plate also makes it ideal for weighing obese patients
- Also ideal for rapid weighing of, for example, laundry carts, container trolleys, roller containers, etc. to 600 kg
- Lightweight, compact construction for mobile use
- **2** The scale can easily be transported using the two rollers and two handles and does not require much storage space
- PRE-TARE function for deduction of a known weight, for example of a wheelchair. Memory for ten PRE-TARE values
- **3** Level indicator to level the balance precisely
- Wall mount for display device, standard
- Universal external mains adapter included with delivery
- Protective working cover included with delivery

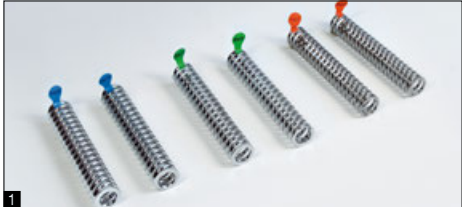
Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface W×D 800×800 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 5 m
- Overall dimensions W×D×H 1100×1000×80 mm
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Net weight approx. 40 kg

STANDARD

1

Model	Weighing capacity	Readability	Price excl. of VAT ex works €
	[Max] kg	[d] kg	
KERN			
MWC 600K-1	600	0,1	890,-



Discover more details and matching accessories online!

Hand grip dynamometer, e.g. for rehabilitation treatment after accidents

Features

- Especially suitable for use in rehabilitation centres for determining manual clamping force
- There are four measuring methods, which for example, as part of a rehabilitation program, help the medical staff to monitor the fitness of the patient's hands and carry out controlled training:
 - Real time mode: immediately shows the client's current strength
 - Peak/Max mode: shows the maximum strength of a client's grip
 - Average mode: Calculates the average strength from two grips
 - Counting mode: Counts the number of presses which exceed a previously defined strength limit
- An ideal device to determine reduced handstrength and among others a possible mortality risk of elderly persons as well as a malnutrition in case of chemotherapy or similar treatments
- Safe, comfortable use thanks to non-slip rubber grips

- Integrated AUTO-OFF function after 1 min minute to preserve the batteries
- Weight displayed in kg or lb
- KERN MAP 80K1S: Special version for children: The small handle depth allows children in particular to easily and ergonomically grip the handles
- KERN MAP 130K1: Special version for body builders: Its design and extended measuring range mean that it offers additional capacity, which can accommodate the higher fundamental force exerted by body builders
- 1 Exchangeable springs facilitate fast switching of the capacity (additional spring sets are included with delivery). The varying rigidity of the individual springs makes the hand grip dynamometer ideal for a wide variety of patient groups, e.g. children or senior citizens or in sports medicine
- 2 Stable case for safe, easy transport and for storage of the additional spring sets, standard, WxDxH 350x265x85 mm

Technical data

- LCD graphic display, digit height 12 mm
- Batteries included, CR2450, operating time up to 53 h
- Net weight approx. 0,35 kg

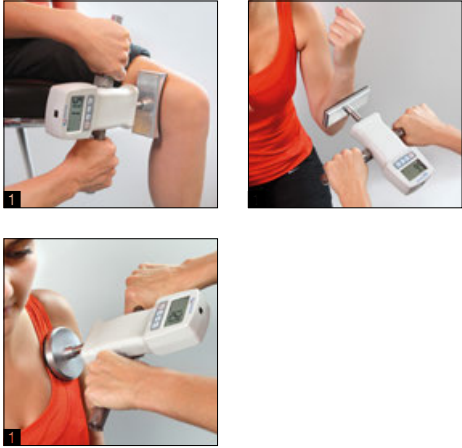
STANDARD



OPTION



Model	Measuring range	Readout	Spring sets	Overall dimensions	Price excl. of VAT ex works €	Option	
						ISO Calibr. Certificate	
	[Max] kg	[d] g	kg	WxDxH mm		KERN	€
KERN							
MAP 80K1S	80	100	10, 20, 40, 80	55x88x212 mm	285,-	961-102K	174,-
MAP 80K1	80	100	20, 40, 80	55x102x212 mm	285,-	961-102K	174,-
MAP 130K1	130	100	40, 80, 130	55x102x212 mm	285,-	961-102K	174,-



Discover more details and matching accessories online!

Force measurement for medical applications

Features

- Determining muscle function and force is used within many areas of medical diagnostics. Amongst others, in
 - orthopaedics for determining the function of the musculoskeletal system
 - physiotherapy for restoring motivity
 - occupational therapy for treating physical damage
- Within sport, too, measuring muscular force development can be used alongside training

- These measurements can be supported by the SAUTER FK (alternatively SAUTER FH) force gauge when connected with the three physio sensors (AC 45, AC 46, AC 47) as shown
- These sensors to measure muscular strength have been designed in an ergonomic manner. The surface is made of soft foam rubber, which sits comfortably against the skin
- Connecting the precision measuring device with the optional stainless steel handles means that you can obtain reliable weighing results

Technical data

SAUTER FK

- Ready for use: Batteries included, 6×1.5 V AA

SAUTER FH

- Rechargeable battery pack integrated, as standard, operating time up to 40 h without backlight, charging time approx. 120 min

Note: All components must be ordered separately, see internet

STANDARD

OPTION

Model	Measuring range range [Max] N	Division [d] N	Thread	Overall dimensions W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €
SAUTER						
FK 50	50	0,02	M8	195×82×35	0,75	285,-
FK 100	100	0,05	M8	195×84×35	0,60	285,-
FK 250	250	0,1	M8	195×82×35	0,60	285,-
FK 500	500	0,2	M8	195×84×35	0,65	285,-
FK 1K	1000	0,5	M8	195×83×35	0,50	285,-
FH 50	50	0,01	M6	280×70×40	0,55	590,-
FH 100	100	0,05	M6	280×70×40	0,55	590,-
FH 200	200	0,1	M6	280×70×40	0,55	590,-
FH 500	500	0,1	M6	280×70×40	0,55	590,-

HOSPITAL NEED

KERN scales and measuring instruments for clinics, medical practices and rehabilitation facilities

Reliable scales are not only required in direct contact with patients, but also in adjacent areas such as laboratories, research, pathology, hospital laundries, etc. a wide variety of scales are used. These scales also have to meet high requirements, such as robust, dirt-repellent stainless steel surfaces that are hygienic and easy to clean. Simple operation and clearly legible displays speed up daily work, save costs and help to avoid mistakes.

The practical dynamometers, which we offer in various designs and measuring ranges, are particularly suitable for measuring muscle forces in the context of rehabilitation measures.






Discover more details and matching accessories online!

Compact organ scale made of stainless steel, particularly well protected and hygienic to clean thanks to IP67 protection and smooth stainless steel surfaces








Features

- Particularly suitable to determine the specific weight of organs, tissues, etc. in pathology or in the laboratory
- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean
- Protection against dust and water splashes IP67 (only when using battery)
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Protective working cover included with delivery
- Option:  Tare pan made from stainless steel, see internet


Technical data

- Large backlit LCD display, digit height 25 mm
- Overall dimensions W×D×H 285×255×90 mm
- Batteries included, 4×1.5 V AA, operating time up to 48 h
- Net weight approx. 3,8 kg
- Permissible ambient temperature 5 °C/35 °C

STANDARD



OPTION



Model	Weighing capacity	Readability	Weighing plate W×D	Price excl. of VAT ex works €
KERN	[Max] kg	[d] g	mm	
Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].				
FOB 7K-4NL	5 7,5	0,5 1	252×200	295,-



Discover more details and matching accessories online!

Stainless steel drive-through scale with two integrated access ramps, verification optional

Features

- Robust stainless steel drive-through scale for rapid weighing of e.g. laundry carts, container trolleys, roller containers, etc.
- Low platform height and integrated access ramps on both sides facilitate access
- Weighing bridge stainless steel, extremely resistant to bending
- 4 welded stainless steel load cells, IP67 dust and spray protection
- Stainless steel display device with protection against dust and water splashes IP68
- Superior display size: digit height 48 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Easy and hygienic cleaning
- Suitable for the ever-increasing hygienic requirements in the medical environment

- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections and two wireless connections
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- Wall mount for display device, standard
- Option: 1 Stand to elevate display device, see internet

Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions weighing surface, stainless steel, WxD 1000x1000 mm (Without ramps)
- Platform height in the drive-through area: 80 mm
- Overall dimensions WxDxH 1600x1220x95 mm
- Dimensions of display device WxDxH 232x150x77,3 mm
- Cable length of display device approx. 5 m
- Net weight approx. 130 kg
- Permissible ambient temperature -10 °C/40 °C

Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

STANDARD

YMM-06

OPTION

FACTORY

Model	Weighing capacity	Readability	Verification value	Minimal load	Price excl. of VAT ex works €	Options	
						Verification	
KERN	[Max] kg	[d] kg	[e] kg	[Min] kg			
NXC 600K-1M	600	0,2	0,2	4	3800,-	965-230	166,-
NXC 1.5T-4M	1500	0,5	0,5	10	3900,-	965-230	166,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order.
The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.
For verified scales the weighing bridge should be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame

JUST SURFACED!



Take advantage of the latest innovations in measuring and weighing technology and dive into a world of precision, quality and versatility. Discover over 5,000 high-quality products and numerous services – perfectly tailored to your professional requirements. The new KERN product catalogues 2026 are available in five languages!

BALANCES AND TEST SERVICE

Get a full overview of the wide range from KERN, including our high-quality balances, test weights and services such as verification and calibration services.

MEDICAL SCALES

Our medical scales cover the full array: baby scales to personal scales, chair scales and adiposity scales through to hand grip dynamometers, pharmaceutical balances and veterinary scales, we offer the complete range.

MICROSCOPES AND REFRACTOMETERS

Discover our large range of optical instruments, such as, for example our compound, polarisation or fluorescence microscopes, or our analogue and digital refractometers.

SAUTER MEASURING TECHNOLOGY

From force-measuring devices through to hardness measuring equipment and on to measuring cells - you can find everything you need for accurate, reliable measurements.

TEST SERVICE BROCHURE

Detailed information on all topics pertaining to the calibration and conformity assessment of balances, test weights and measuring devices.

All catalogues and information material are available for you to download as PDF files from our website:
www.kern-sohn.com/shop/en/DOWNLOADS

MICROSCOPES AND REFRACTOMETERS

KERN offers you a complete, carefully compiled range of biological microscopes, stereomicroscopes, metallurgical microscopes, polarization microscopes, particularly flexible, pre-configured stereomicroscope sets, individually configurable stereomicroscope systems as well as microscope cameras and camera software.

The main fields of application are haematology, urology, gynaecology, dermatology, pathology, microbiology and parasitology, immunology, oncology, cell and tissue culture research and breeding, veterinary medicine, etc.

The KERN high-performance microscopes are particularly suitable for viewing preparations in culture vessels (bottles, trays, microtiter

plates), translucent and thin, low-contrast, demanding preparations (e.g. living Mammalian cells, tissue, possibly also microorganisms, immunofluorescence, FISH, DAPI coloring etc.)

Furthermore, KERN offers a wide range of analogue and digital refractometers. Quickly and easily determine reliable measured values, no matter whether in the laboratory or on site, this ensures safety, consistent quality and accelerates the processes. This is what the analogue and digital refractometers from KERN stand for, and at an extremely attractive price in consistently high quality. The refractometers are mainly used in hospitals, doctors' surgeries, medical training facilities, nursing homes, sports medicine (doping control), veterinary surgeries, etc.





Monocular version



Trinocular version

Discover more details and matching accessories online!

Elegant, dynamic and impressive – the all-round compound microscope for schools, training and laboratories

Features

- The OBE-12/13 range stands out through its exclusive, dynamic device, which is second to none in terms of sturdy construction and ergonomics. The clever storage compartment on the back will enable quick practical storage for your power cable. Thanks to the USB connection technology, it is also possible to supply power using an external powerbank.
- The impressive, infinitely dimmable 3W LED guarantees bright illumination of your sample
- A further highlight is the butterfly lens barrel which enables you to achieve the ideal viewing angle and is integrated as standard on all binocular and trinocular models. The height-adjustable and thereby focusable 1.25 Abbe condenser with aperture diaphragm is a further quality feature of the OBE range and guarantees the very best concentration of light

- Height adjustment of the fully-equipped mechanical stage is carried out using a coarse and fine focusing knob on both sides. The ergonomically designed coaxial drive enables you to work with the samples and move them rapidly
- A large selection of different eyepieces and objectives are available to you as accessories
- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of delivery
- A C-mount adapter is required to connect a camera to the trinocular version

Scope of application

- Training, haematology, sediment investigation, doctor's practise, veterinary

Applications/Samples

- Translucent, thin, high-contrast, less complex samples (e.g. plant tissue, coloured cells/parasites)

Technical data

- Finite optical system DIN
- 4-fold lens revolving unit
- OBE 121, 131: Monocular lens barrel, 30° angled
- OBE 122, 124, 132, 134: Butterfly 30° angled
- Diopter adjustment, one-sided (for binocular and trinocular models)
- Overall dimensions W×D×H 360×150×320 mm
- Net weight approx. 4,6 kg

STANDARD



OPTION



Model	Tube	Eyepiece	Objective quality	Objectives	Illumination	Price excl. of VAT ex works €
KERN						
OBE 121	Monocular	HWF 10x/ø 18 mm	achromatic	4x / 10x / 40x	3 W LED (transmitted)	490,-
OBE 122	Binocular	HWF 10x/ø 18 mm	achromatic	4x / 10x / 40x	3 W LED (transmitted)	580,-
OBE 124	Trinocular	HWF 10x/ø 18 mm	achromatic	4x / 10x / 40x	3 W LED (transmitted)	690,-
OBE 131	Monocular	HWF 10x/ø 18 mm	achromatic	4x / 10x / 40x / 100x	3 W LED (transmitted)	540,-
OBE 132	Binocular	HWF 10x/ø 18 mm	achromatic	4x / 10x / 40x / 100x	3 W LED (transmitted)	640,-
OBE 134	Trinocular	HWF 10x/ø 18 mm	achromatic	4x / 10x / 40x / 100x	3 W LED (transmitted)	760,-



Trinocular version



Simple polarising unit

Discover more details and matching accessories online!

The flexible laboratory assistant with infinity optical system and fixed, pre-centred Koehler illumination

Features

- The OBL series stands out through its infinity optical unit and is therefore ideally suited for all demanding transmitted illumination applications. The robust and ergonomic stand base guarantees safe and comfortable working
- The fixed, pre-centred and focusable 1,25 Abbe condenser with aperture diaphragm and field diaphragm gives you a simplified Koehler illumination, without having to move the centre.
- The large mechanical stage and its specimen holder holds up to two samples at the same time and is quick and easy to focus using a coaxial coarse and fine focusing knob on both sides

- A large selection of eyepieces, objectives and colour filters as well as a darkfield condenser, a simple polarising unit, different phase contrast kits through to LED fluorescence units are available to you as accessories
- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of delivery
- A C-mount adapter is required to connect a camera to the trinocular version

Scope of application

- Haematology, urology, gynaecology, dermatology, pathology, microbiology and parasitology, immunology, sewage treatment plants, oncology, entomology, veterinary practices, water analysis, breweries

Applications/Samples

- Translucent, thin, low-contrast, challenging samples (e.g. living mammal cells, bacteria, tissue)

Technical data

- Infinity optical system
- 4-fold lens revolving unit
- Siedentopf 30° inclined / 360° rotatable
- Diopter adjustment, one-sided
- Overall dimensions W×D×H 395×200×380 mm
- Net weight approx. 7 kg

STANDARD



OPTION



Model	Tube	Eyepiece	Objective quality	Objectives	Illumination	Price excl. of VAT ex works €
KERN						
OBL 127	Binocular	HWF 10x/ø 20 mm	Infinity E-Plan	4x / 10x / 40x / 100x	3 W LED (transmitted)	970,-
OBL 137	Trinocular	HWF 10x/ø 20 mm	Infinity E-Plan	4x / 10x / 40x / 100x	3 W LED (transmitted)	1 110,-



OBN-13



OBN-15



OBN-15: Mounted phase contrast condenser

Discover more details and matching accessories online!

Professionalism and versatility united in one microscope – with Koehler illumination for demanding applications

Features

- The OBN- series stands out because of its unbeatable and consistently high quality and its ergonomic design. The range of modular components means that the OBN series can be individually customised for the professional user.
- Depending on the application, there is a choice of models with strong, continuously dimmable 3 W LED or 20 W halogen illumination (Philips)
- In addition the microscope is available as a pre-configured phase contrast microscope, which, through the combination of a professional quintuple condenser wheel, phase contrast condenser and Infinity Plan phase contrast objectives makes it a high-quality, fully-equipped microscope for all applications related to this contrasting method
- This series has a professional Koehler illumination unit with an adjustable field diaphragm as well as a height-adjustable 1,25 Abbe condenser which can be centred and which has an adjustable aperture diaphragm.

- The extremely large mechanical stage with ergonomic, coaxial coarse and fine focusing knob on both sides enables you to adjust and focus your sample rapidly and accurately
- A wide variety of modular systems, such as, for example, a swing-out condenser, various eyepieces, objectives, colour filters, phase contrast units, a darkfield condenser, a simple polarising unit, a Butterfly Tube, through to complete fluorescence units are available to you as accessories
- KERN OBN 15: This centring eyepiece for adjusting the phase contrast, a protective dust cover, eye cups as well as multi-lingual user instructions are included in the scope of delivery
- A C-mount adapter is required to connect a camera to the trinocular version

Scope of application

- Haematology, urology, gynaecology, dermatology, pathology, microbiology and parasitology, immunology, sewage treatment plants, oncology, entomology, veterinary practices, water analysis, breweries

Applications/Samples

- Translucent, thin, low-contrast, challenging samples (e.g. living mammal cells, bacteria, tissue)

Technical data

- Infinity optical system
- Quintuple nosepiece
- Siedentopf 30° inclined / 360° rotatable
- Diopter adjustment, both-sided
- Overall dimensions W×D×H 390×200×395 mm
- Net weight approx. 10 kg

STANDARD



OPTION



Model	Tube	Eyepiece	Objective quality	Objectives	Illumination	Price excl. of VAT ex works €
KERN						
OBN 132*	Trinocular	HWF 10x/ø 20 mm	Infinity Plan	4x / 10x / 20x / 40x / 100x	20 W Halogen (transmitted)	1610,-
OBN 135	Trinocular	HWF 10x/ø 20 mm	Infinity Plan	4x / 10x / 20x / 40x / 100x	3 W LED (transmitted)	1640,-
OBN 158	Trinocular	HWF 10x/ø 20 mm	Infinity Plan	4x / 10x / 20x / 40x / 100x	20 W Halogen (transmitted)	2920,-
OBN 159	Trinocular	HWF 10x/ø 20 mm	Infinity Plan	4x / 10x / 20x / 40x / 100x	3 W LED (transmitted)	2940,-

* ONLY WHILE STOCKS LAST



OCM 161/162



OCM 165-168



Discover more details and matching accessories online!

The inverted biological laboratory microscope – also with fluorescence

Features

- The OCM range stands out through its design which is ergonomic, robust and extremely stable
- A powerful and continuously adjustable 30 W halogen illumination or 5 W LED illumination ensures optimum illumination in the bright field of your samples. For the models with an additional fluorescence unit, you can choose either an Osram 100 W-HBO- or an 5 W-LED epi-fluorescence unit
- A special Abbe N.A. 0.3 condenser with aperture diaphragm and large working distance of 72 mm guarantees the very best working practice in the bright field and with fluorescence applications
- As standard, the OCM range is fitted with a trinocular eyepiece tube

- The mechanical stage including specimen holder (Ø 110 mm) means that you can work quickly and effectively. Further brackets for petri dishes are included with delivery or available as accessories
- Further options such as, for example, a selection of eyepieces, objectives, specimen holders and other phase contrast units can be integrated as accessories
- A dust cover as well as user instructions are included with the delivery
- A C-mount adapter is required to connect a camera to the trinocular version

Scope of application

- Research and breeding of cell cultures and tissue cultures

Applications/Samples

- Particularly for viewing samples in culture vessels (flasks, petri dishes, microtitre plates), translucent, thin, low-contrast, challenging samples (e.g. living mammal cells, tissue, microorganisms if necessary, Immunofluorescence, FISH, DAPI staining etc.)

Technical data

- Infinity optics
- Quintuple nosepiece
- Siedentopf 45° inclined
- Diopter adjustment, both-sided

OCM 161/162

- Overall dimensions W×D×H 660×600×335 mm
- Net weight approx. 15 kg

OCM 165-168

- Overall dimensions W×D×H 782×304×530 mm
- Net weight approx. 22 kg

STANDARD



OCM 161/165/166

OCM 162/167/168

OCM 165/166/167/168

OCM 161/162

OCM 165-168

Model	Tube	Eyepiece	Objective quality	Objectives	Illumination	Price excl. of VAT ex works €
KERN						
OCM 161	Trinocular	HWF 10x/Ø 22 mm	Infinity Plan	10x / 20x / 40x	30 W Halogen (transmitted)	3790,-
OCM 162	Trinocular	HWF 10x/Ø 22 mm	Infinity Plan	10x / 20x / 40x	5 W LED (transmitted)	3800,-
OCM 165	Trinocular	HWF 10x/Ø 22 mm	Infinity Plan	10x / 20x / 40x	30 W Halogen + 100 W Epi Fluorescence (B/G)	9180,-
OCM 166	Trinocular	HWF 10x/Ø 22 mm	Infinity Plan	10x / 20x / 40x	30 W Halogen + 100 W Epi Fluorescence (UV/V/B/G)	10790,-
OCM 167	Trinocular	HWF 10x/Ø 22 mm	Infinity Plan	10x / 20x / 40x	5 W LED + 5 W LED Epi Fluorescence (B/G)	9180,-
OCM 168	Trinocular	HWF 10x/Ø 22 mm	Infinity Plan	10x / 20x / 40x	5 W LED + 5 W LED Epi Fluorescence (UV/V/B/G)	10790,-

New model




Discover more details and matching accessories online!

Refractive index measurement for hospitals, medical training institutions or in sports medicine

Features

- The models in the KERN ORA range are universal, maintenance-free analogue manual refractometers
- NEW: Now with engraved serial number
- The handy and robust design allows the easy, efficient and sustainable use in everyday life
- Manually calculated conversions and errors of the user are avoided by multiple selectable scales.
- These scales are especially developed, exactly calculated and checked. They are also characterized by their thin and clear lines.
- ORA 2PA: This model is particularly suitable for the measurement of the specific gravity (sg) in urine, the quantity of serum (serumproteine) in urine (doping control among athletes), and the refractive index.
- ORA 5PB: This model is particularly suitable for the measurement of the specific gravity (sg) in urine from animals such as dogs or cats and the quantity of serum (serumproteine) in urine

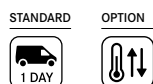
- The optical system and the prism cover are made of special material which allows a low-tolerance measuring.
- All models are fitted with an eyepiece which can be adjusted easily and smoothly to different visual capacities
- The models marked with "ATC" have an automatic temperature compensation which enables accurate measurement at different ambient temperatures. For models without "ATC", the results must be adjusted according to the enclosed international temperature correction table
-  Included with the delivery:
 - Storage box
 - Calibration solution
 - Pipette
 - Screwdriver
 - Cleaning cloth


Scope of application

- Hospitals
- Doctor's practise
- Medical training institutions
- Nursing homes
- Sports medicine (doping test)

Technical data

- Die-cast housing of copper-aluminium alloy, chrome coated
- With ATC: Measurement temperature: 10 °C - 30 °C
- Dimensions of the box: 205×75×55 mm
- Length: 130 - 200 mm



 Also available as digital hand- or laboratory versions. We will be happy to consult you.

Model	Scales	Measuring range	Division	ATC	Price excl. of VAT ex works €
KERN					
ORA 32BA	Brix	0 % - 32 %	0,2 %	✓	65,-
ORA 4RR	Refractive index	1,440 nD - 1,520 nD	0,001 nD		95,-
ORA 2PA	Urine (spec. gravity)	1,000 sgU - 1,050 sgU	0,002 sgU	✓	95,-
	Serum protein	0 g/dl - 12 g/dl	0,2 g/dl		
ORA 5PB	Urine (s. g. cat)	1,000 sgU - 1,060 sgU	0,001 sgU		90,-
	Urine (s. g. dog)	1,000 sgU - 1,060 sgU	0,001 sgU		
	Serum protein	2 g/dl - 14 g/dl	0,1 g/dl		

VETERINARY SCALES

Animal scales for weighing various animals such as rabbits, cats, dogs, snakes, sheep, etc.

Electronic animal scales from KERN are the very best tool for checking animal weight. KERN animal scales stand out from the crowd because they are easy to use, have a high degree of mobility, with robust technology, a large display and ergonomic design. From scales for small animals, which are also ideal for weighing animal feed in line with a diet sheet, through to high-capacity floor scales for animals weighing up to 300 kg, right up to hanging and crane scales for mobile weighing of animals up to 1 ton, KERN's veterinary scale range offers a wide choice.

Many useful functions assist the vet, animal keeper or pet owner in their daily work with the animal. Thanks to a special animal weighing program, a steady weight will be displayed, even if the animal moves during the weighing process. You can use the practical HOLD function, which means the obtained weight will continue to be displayed even after the animal has been removed from the scale. You therefore have time to take care of the animal first.

Whether stationary in a veterinary practice, or mobile at the home of a pet owner, in enclosures or in the wild, the power supply to the KERN veterinary scales is always guaranteed thanks to mains or battery operation.





Discover more details and matching accessories online!

Practical assistant for the mobile weighing of heavy pets, animal feed etc. up to 1 ton!

Features

- Thanks to the animal weighing function, it can also be used by vets. Compact - so it can be stored in the vet's case and is ideally suited for heavy pets
- Hold function: For easy reading of the weighing result, the display can be „frozen“ in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Varied options for hanging the items, thanks to the hook included as standard (not with models HCB with [Max] ≥ 0.5 t)
- Peak load display (peak hold), Measuring frequency 5 Hz

KERN HCB

- [Max] ≤ 200 kg: Snap link (stainless steel) with safety catch and hook (stainless steel) as standard
- ■ [Max] ≥ 500 kg: Reinforced version for heavy loads. Snap link and hook not included

KERN HDB

- With practical carrying handle
- Hinged hook (steel)
- Handy and mobile

Technical data

- LCD display, digit height 12 mm
- KERN HCB: Hole diameter of load support, model with
[Max] ≤ 200 kg: approx. 14 mm
[Max] ≥ 500 kg: approx. 16 mm
- KERN HCB: Ready for use: Batteries included, 3×1.5 V AA, operating time up to 300 h
- KERN HDB: Ready for use: Batteries included, 2×1.5 V AAA, operating time up to 100 h

STANDARD

OPTION

Model	Weighing capacity	Readability	Dimensions housing W×D×H mm	Net weight	Price excl. of VAT ex works €
KERN	[Max] kg	[d] kg		approx. kg	
Sainless steel hook					
HCB 20K10	20	0,01	82×43×153	0,30	105,-
HCB 50K20	50	0,02	82×43×153	0,30	110,-
HCB 99K50	99	0,05	82×43×153	0,30	99,-
HCB 100K200	100	0,2	82×43×153	0,30	99,-
HCB 200K100	200	0,1	82×43×153	0,30	110,-
HCB 1T-3	1000	2	82×48×153	0,60	230,-
Steel hook					
HDB 5K5N	5	0,005	72×25×105	0,20	60,-
HDB 10K10N	10	0,01	72×25×105	0,20	60,-



Discover more details and matching accessories online!

All-purpose small pet scale for mobile and stationary use

Features

- Ideal table scale for weighing small animals or for the laboratory
- Particularly flat design
- Plastic weighing plate, can be removed
- Simple and convenient 2-key operation
- Tare function facilitates formulation work
- Easy and hygienic cleaning
- Ready for use: Batteries included
- Socket for mains adapter included

Technical data

- Large LCD display, digit height 15 mm
- Dimensions weighing surface
 - A** ø 82 mm, plastic, with conductive lacquer
 - B** ø 105 mm, plastic
 - C** ø 150 mm, plastic, see larger picture
- Batteries included, 9 V block, respectively 2×1.5 V AA
- Permissible ambient temperature 5 °C/35 °C

STANDARD



OPTION



Model	Weighing capacity	Readability	Weighing plate	Dimensions housing W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €
KERN	[Max] g	[d] g				
EMB 200-3	200	0,001	A	170×244×54	0,85	235,-
EMB 200-2	200	0,01	B	170×244×39	0,50	130,-
EMB 600-2	600	0,01	B	170×244×39	0,50	170,-
EMB 2000-2	2000	0,01	C	170×244×39	0,90	230,-
EMB 500-1	500	0,1	C	170×244×39	0,55	60,-
EMB 1200-1	1200	0,1	C	170×245×39	0,55	80,-
EMB 6000-1	6000	0,1	C	170×244×39	0,55	170,-
EMB 2200-0	2200	1	C	170×244×39	0,55	60,-
EMB 5.2K1	5200	1	C	170×244×39	0,55	60,-
EMB 5.2K5	5200	5	C	170×244×39	0,55	56,-



Discover more details and matching accessories online!

Entry level model in the low-cost range with large weighing plate

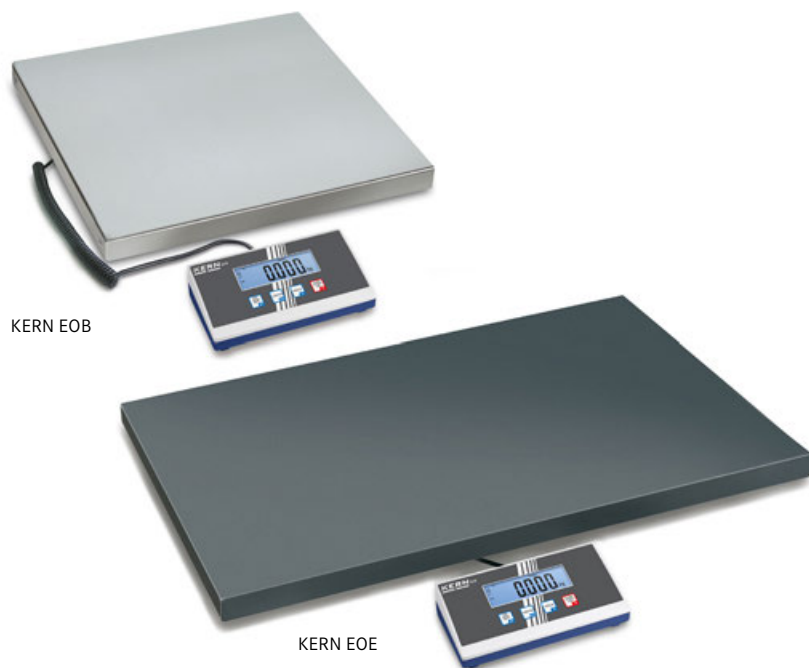
- Features**
- Large, shock proof weighing plate made of plastic
 - Particularly flat design
 - Ergonomically optimised key pad with large keys and a high-contrast display
 - Secure and non-slip positioning with rubber feet
 - Adjusting program CAL for quick setting of the balance accuracy, external test weights at an additional price
 - Draught shield standard for models with weighing plate size **A**, weighing space W×D×H 145×145×65 mm

- Technical data**
- Large LCD display, digit height 25 mm
 - Dimensions weighing surface
 - A** ø 105 mm, plastic, with conductive lacquer
 - B** W×D 175×190 mm, plastic, see larger picture
 - Overall dimensions W×D×H 200×280×65 mm
 - Optional battery operation, 9 V block not included in scope of delivery, operating time up to 40 h
 - Mains adapter external, standard
 - Net weight approx. 1,6 kg
 - Permissible ambient temperature 5 °C/35 °C

STANDARD

OPTION

Model	Weighing capacity	Readability	Weighing plate	Price excl. of VAT ex works €
	[Max] g	[d] g		
KERN				
EMS 300-3	300	0,001	A	300,-
EMS 3000-2	3000	0,01	B	260,-
EMS 6K0.1	6000	0,1	B	185,-
EMS 12K0.1	12000	0,1	B	230,-
EMS 6K1	6000	1	B	95,-
EMS 12K1	12000	1	B	100,-



Discover more details and matching accessories online!

Compact veterinary scale for diverse applications – also with XL platform

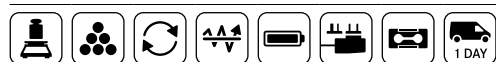
Features

- Platform scale to weigh animals
- Weighing plate: Easy and hygienic cleaning
KERN EOB: stainless steel
KERN EOE: steel, lacquered
- Simple and convenient 4-key operation
- Animal weighing program: While weighing animals that continue to move during the weighing process, a mean average weight value is determined
- Integrated AUTO-OFF function to preserve the batteries
- Wall mount for display device, standard
- Universal external mains adapter included with delivery
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Weighing platform dimensions
A W×D×H 315×305×57 mm
B W×D×H 550×550×58 mm
C W×D×H 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h (EOB), 100 h (EOE)
- Permissible ambient temperature 5 °C/35 °C

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate	Cable length (Spiral cable) approx. m	Net weight approx. kg	Price excl. of VAT ex works €	Options	
							Calibr. Certificate DAkkS accr. KERN	€
KERN								
EOB 15K5	15	5	A	1,8 m	3,8	173,-	963-128	130,-
EOB 35K10	35	10	A	1,8 m	3,8	173,-	963-128	130,-
EOB 60K20	60	20	A	1,8 m	3,8	173,-	963-129	161,-
EOB 60K20L	60	20	B	2,7 m	13	345,-	963-129	161,-
EOB 150K50XL	150	50	C	2,7 m	17	420,-	963-129	161,-
EOE 150K50XL	150	50	C	2 m	18	315,-	963-129	161,-
EOE 300K100XL	300	100	C	2 m	18	320,-	963-129	161,-



Discover more details and matching accessories online!

Cordless animal scales for flexible use in practices and clinics







- Features
- Robust platform scales for weighing larger animals such as dogs or cats
 - Wireless radio connection between platform and display device – no risk of damage to the cable, e.g. due to biting
 - Three radio channels for connecting several platforms to one display device
 - Tare activation by hand movement thanks to integrated infrared sensor – hygienic and contactless (can be deactivated)
 - Stainless steel weighing plate, easy cleaning, painted steel base
 - The low platform height facilitates access
 - 1 Non-slip rubber mat included with delivery

- Animal weighing program: While weighing animals that continue to move during the weighing process, a mean average weight value is determined
- Simple and convenient 5-key operation
- Integrated AUTO-OFF function to preserve the batteries
- 2 The scale can be easily transported using rollers and a handle and does not require much storage space
- Two external mains adapters as standard for connecting the display device and platform
- 3 Wall mount for display device, standard
- Protective working cover included with delivery


- Technical data
- Large LCD display, digit height 25 mm
 - Dimensions of display device W×D×H 210×110×45 mm
 - Weighing platform dimensions stainless steel W×D×H 900×550×60 mm
 - Optional battery operation, 6×1.5 V AA not included in scope of delivery, operating time up to 70 h
 - Permissible ambient temperature 10 °C/35 °C
 - Net weight approx. 20 kg

- Main scope of applications
- Pet supplies
 - Veterinary practices and clinics
 - Medical technology
 - Logistics and dispatch
 - Packaging and order picking
 - Quality assurance

STANDARD



OPTION



Model	Weighing capacity	Readability	Price excl. of VAT ex works €	Options	
				Calibr. Certificate	
	[Max] kg	[d] g		DAkkS accr. KERN	€
EOS 150K-2 <div>NEW</div>	150	50	560,-	963-129	161,-



Discover more details and matching accessories online!

Affordable veterinary model that is suitable for stationary or mobile use


Features

- Robust platform scale to weigh large animals
- Weighing plate stainless steel, painted steel base. Easy and hygienic cleaning
- The low platform height facilitates access
- The scale can be easily transported using rollers and a handle and does not require much storage space
- Animal weighing program: While weighing animals that continue to move during the weighing process, a mean average weight value is determined
- Simple and convenient 4-key operation
- Integrated AUTO-OFF function to preserve the batteries
- Wall mount for display device, standard
- Non-slip rubber mat included with delivery
- Universal external mains adapter included with delivery standard
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length display device, spiral cable, approx. 2,7 m
- Weighing platform dimensions, stainless steel, W×D×H 950×500×58 mm
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Permissible ambient temperature 5 °C/35 °C
- Net weight approx. 19 kg

STANDARD



OPTION



Model	Weighing capacity	Readability	Price excl. of VAT ex works €	Options	
				Calibr. Certificate	
	[Max] kg	[d] g		DAkkS accr. KERN	€
KERN					
EOS 150K50XL	150	50	470,-	963-129	161,-
EOS 300K100XL	300	100	470,-	963-129	161,-

Retailer Information

Sales conditions

All prices are valid as of January 1st 2026,
Subject to change without notice. Current prices
at www.kern-sohn.com. In Europe, all prices do
not include the applicable V.A.T.

Delivery Conditions

We supply ex works Balingen, e.g. the transport
costs are invoiced. With our contract logistics
partners we always offer you shipping at a good
rate. When shipping to islands or other more
distant areas, or areas which are difficult to
access, the transport costs may possibly be
higher, please ask for details. Any goods
supplied remain KERN's property until complete
payment for the goods sold has been received.



Delivery is usually via courier service.



When you see this symbol by truck,
please ask for prices.n.

Extract from general terms and conditions

Court of jurisdiction/Legal domicile:

72336 Balingen, Germany;
Commercial register N°: HRB 400865,
AG Stuttgart; Managing director: Albert Sauter
For the full Terms and Conditions,
please refer to the website.
[https://www.kern-sohn.com/shop/en/
IMPRESSUM/AGB2/](https://www.kern-sohn.com/shop/en/IMPRESSUM/AGB2/)

All dimensions are approximate. Technical
changes in the course of further development,
printing faults, price changes and product
changes are likely in individual cases, due
to product modifications as well as error.

Sale or return

within 14 days of purchase. Not valid for Soft-
ware and order-specific adaptations such as
special productions, cable extensions, special
weights, etc. or test services such as calibration,
verification, etc. Depending on the time and
effort involved, there may be processing and
storage costs, please ask for details.

Warranty

→ 3 years for products with list price \geq € 500.00
→ 2 years for components as well as products
with list price $<$ € 500.00
→ 1 year for pallet truck scales
Does not apply to consumables such as
batteries, rechargeable battery packs, etc.

Balances in areas regulated by law (► *Verification*)
must comply with the commercial error limits
during the period of validity for verification – these
are usually double the verification permissible
error limits. If this period of validity for verifica-
tion expires, then reverification must be carried
out. If, in order to pass the verification, it should
be necessary to adjust the balance to comply
with the verification permissible error limits,
then this does not constitute a warranty claim.

Service

KERN DirectCash

The quick, secure COD procedure for protection
against non-payment. With the KERN DirectCash
COD system, you can safely deliver orders to
end customers with unknown credit rating, with
no risk of non-payment. Please request further
details on this procedure.

Hire Purchase

Financing is available using KERN hire purchase
– easy and convenient. Hire Purchase gives you
the option of purchasing any product from our
range against a simple monthly installment. The
product value is financed over the period of the
agreement. On payment of the last installment,
the ownership of the contract item automatically
transfers from the contractor to the contractee.
The Hire Purchase Agreement can – if you so
choose – be set for a period of between one and
five years. This package includes the transfer
of items as well as the guarantee for the entire
transfer period.

Compared with buying the product, KERN hire
purchase offers the advantage that the initial
financial investment is largely unnecessary.
This is particularly relevant when purchasing a
number of products, for example when refitting a
laboratory, a company department or a hospital
ward. In addition the monthly installments
constitute a direct cost and the item does not
have to be capitalised by the purchaser.

After-Sales-Service

Repair service

Within 1 week at our plant in Balingen, trans-
portation costs are additional. In urgent cases,
if requested by customer, a replacement device
will be provided until all repairs are completed;
please ask.

Price reduction for a new device

If repair costs exceed the current value of the
defective device, a new device will be offered
for a discount price. This offer is valid only
up to 2 years after warranty expiration.

Spare parts service

Usually within 48 hours, transportation costs
are additional.

Marketing support

KERN catalogues, brochures, branch prospectuses – your own personalised marketing tools

This catalogue and branch prospectuses are
available free of charge. A neutral version of the
catalogue, without the KERN address imprint,
is also available free of charge for your marketing
activities as PDF document. The KERN catalogue
and branch prospectuses are available in the
following languages: DE, EN, FR, IT, ES.

Important notice

Explosion hazard/Humidity

Our models are not suitable for rooms with a risk
of explosion. Our models are also not suitable for
rooms with a high level of air humidity (conden-
sing). Please observe the applicable electrical
regulations.

Earth's gravitational force

Electronic balances are subject to location
regulations due to the earth's gravitational force.
If location of use is changed, reverification and
recalibration of the electronic balance is needed.

Calibration Certificate with accreditation symbol

Upon request, you will receive a Calibration
Certificate with accreditation symbol (Deutsche
Akkreditierungsstelle GmbH – German accre-
ditation point), which documents the precision
of your balance in detail and also serves as your
proof that you monitor your checking equipment
in a Quality Management System to ISO 9001.

Accessories

Further extensive accessories for all our models
can also be found in the KERN online shop
www.kern-sohn.com

The oldest Precision Balance Factory in Germany

KERN & SOHN GmbH

Balances, Test Weights, Microscopes,
Accredited Calibration Laboratory

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72336 Balingen
Germany
Tel. +49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com

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- Extensive Information and useful Download Options
- Technical Product Data Sheets
- Operating Instructions
- Descriptive Image and Video Material
- Useful KERN Services
- Technical Glossary
- KERN Dealer Portal
- Practical Filter and Search Functions



Follow us on our social media channels too

