KERN – Tradition and Innovation for over 170 years

An independent family business, KERN since already 7 generations is synonymous with quality and reliability in customer service.

Printed in Germany
by KERN & SOHN GmbH
z-cm-gb-kp-20161

fast

- 24 hours delivery service – order today, on its way tomorrow
- Sales & service hotline from 8:00 am to 6:00 pm

reliable

- 3 years warranty for balances over € 400,–
- Precision in weighing technology for more than 170 years

competent

- DAkkS accreditation DIN EN ISO/IEC 17025
- Certified QM system DIN EN ISO 9001:2008
- Authorisation for initial verification by the manufacturer 2009/23/EC
- Medical certifications DIN EN ISO 13485 and 93/42/EEC

versatile

- One-stop shopping: from height rod through to chair scale – everything from one supplier
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Calibration hotline
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Online shop
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Our team of consultants will assist you
from Monday to Friday
from 8:00 am to 6:00 pm

www.kern-sohn.com
For product specification sheets, user manuals, useful information, technical glossary, pictures and much more as well as a smart search function for test weights and balances

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APPROVAL FOR MANUFACTURE OF MEDICAL PRODUCTS EN 13485 and 93/42/EEC

AUTHORISATION FOR INITIAL VERIFICATION BY THE MANUFACTURER 2009/23/EC

German Excellence Group Member

GB

KERN

MEDICAL SCALES

for clinics, doctors' surgeries, care facilities and vets



Do you have questions about our products?
Our customer consultants will be pleased to assist you:

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KERN Pictograms

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

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

RS-485 data interface:
To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance

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

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

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

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

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

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

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

Weighing units:
Can be switched to e.g. nonmetric units at the touch of a key. Please refer to website for more details

Weighing with tolerance range:
(Checkweighing) Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.

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

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

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

Stainless steel:
The balance is protected against corrosion

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 mains adapter:
with universal input and optional input socket adapters for EU, GB, USA

Mains adapter:
230V/50Hz in standard version for EU. On request GB, AUS or USA version available.

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

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

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

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

Integrated scale:
In the eyepiece

360° rotatable microscope head

Binocular Microscope:
For the inspection with both eyes

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

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

Halogen illumination:
For pictures bright and rich in contrast

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

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

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

Phase contrast unit:
For a higher contrast

Polarising unit:
To polarise the light

Infinity system:
Infinity corrected optical system

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

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

DAkkS calibration possible (DKD):
The time required for DAkkS calibration is shown in days in the pictogram.

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

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

Warranty:
The warranty period is shown in the pictogram.

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Measuring technology, microscopy and testing services from a single source



Medical scales catalogue



Balances & Test service catalogue



Microscopes & refracto-meters catalogue



SAUTER measuring equipment catalogue



KERN DAkkS calibration service brochure

KERN – Your partner for Medical scales

Quality & Experience

We are absolutely committed to making products available to you which are of excellent build quality, are extremely robust, have a long service life and are easy to use too. These three factors: quality, durability and ease of operation have been hallmarks of our products for over 170 years.

Promptness

The right product, at the right time, in the right place – that is our strength. With our sophisticated internal logistics system we can make sure your order is ready for delivery within 24 hours (plus calibration time if applicable). So you can react quickly to your customers' requirements and requests.

Conformity

Particularly in the medical environment, balances are subject to extensive standards and regulations, which serve to protect the users and patients. Over and above these standards, our certified quality management system, as well as our 20 trained medical product advisers ensure rapid and competent product advice on all aspects of medical weighing technology.

Professionalism and trust

On the subject of competent advice: Competence coupled with reliability – for centuries this has been the guiding principle of our company. This is why KERN sells its products exclusively through authorised dealers.

Albert & Martin Sauter, Managing Directors
[Balingen, December 2015]

Retailer information

Sales conditions

All prices are valid as of January 1st 2016 until a new version of the KERN catalogue is released. In Europe, all prices do not include the applicable V.A.T.

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, Martin Sauter. For the full Terms and Conditions, please refer to the website. www.kern-sohn.com/en/kern/agbs.html

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 customised items, such as, for example, special orders or test services such as, e.g. calibration, verification, verification etc. Depending on the time and effort involved, there may be processing and storage costs, please ask for details.

Warranty: 3 years.
2 years for products with list price ≤ € 400
Does not apply to consumables such as batteries, rechargeable battery packs, etc.

Delivery Conditions: we supply ex works Balingen, i.e. the transport costs are invoiced. Delivery is usually via courier service, or by truck. Please ask for prices. Any goods supplied, remain KERN's property until complete payment for the goods sold has been received.

All dimensions are approximate. Subject to technical changes without prior notice as a result.

Repair/reverification

You need your balance to be reverified by KERN or a defect has occurred which needs to be repaired by KERN at the factory?

KERN will sort the repair for you quickly and easily (repair: 5 days, reverification: 3 days, plus transport). On request you can have a comparable replacement balance, which is verified if necessary, for the time when your balance is being repaired/reverified - please ask.

Price reduction on a new device: if repair costs exceed the current value of the defective device, a new device will be offered at a discount price. This offer is valid only up to 2 years after warranty expiration.

What is good about KERN

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).

Our catalogs and brochures are available for free for you as our distributor in neutral version, larger quantities on request.

DAkkS-Certificate (DKD)

Upon request, you will receive a DAkkS calibration certificate (Deutsche Akkreditierungsstelle GmbH – German accreditation 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.

Tradition and innovation for more than 170 years

An independent family business, KERN since already 7 generations is synonymous with quality and reliability in customer service.



▸1844
KERN is founded – precision balances are produced



▸1863
KERN is founded – precision balances are produced



▸1880
Pharmaceutical balance with Aesculap



▸1923
Inflation – KERN wages are paid with self printed currency



▸1980
The electronic balance ousts mechanical devices



▸1994
Accredited DKD laboratory (ISO 17025)



▸2000
New premises in Balingen



▸2002
Existing QM system certification in accordance with DIN EN ISO 9001:2000 standards



▸2007
Approval for the manufacture of medical products (DIN EN 13485 and 93/42/EEC)



▸2008
Authorisation for initial verification by the manufacturer (2009/23/EC)



▸2009
Approval for the manufacture and sale of height rods (DIN EN 13485 and 93/42/EEC)



▸2012
New customer portal www.kern-sohn.com goes live



▸2014
Expansion of the product range to include optical instruments (microscopes and refractometers)



▸2015
Inauguration the „Ziegelei 2.0" with computer-controlled high-bay warehouse

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■ Approved Medical Device
■ EC type approval

Height rods KERN MSB · MSC · MSF

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





KERN **MSB 80**

KERN **MSC 100**
sim. to illustration

KERN **MSF 200**
sim. to illustration


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1 KERN MSB 80
Portable mechanical height rod

Features

- Approved as a medical device according to 93/42/EEC
- For babies of up to 80 cm in length
- Measuring range 10 – 80 cm; increments of 1 mm
- 2 Measuring scale begins with 0 at right and left, so it can be used in both directions
- Height rod can be taken apart for compact storage
- Overall dimensions max. WxDxH 890x330x100 mm
- Net weight approx. 0.7 kg
- KERN MSB 80, **€ 80,–**

3 KERN MSC 100
Portable mechanical height rod

Features

- Approved as a medical device according to 93/42/EEC
- For infants up to a maximum of 100 cm in length
- Measuring range 6,5 – 100 cm (2½ – 39¼ inch); increments of 1 mm (1/16 inch)
- Readout on scale with moveable stop
- Sturdy aluminum profile
- Stop can be folded for compact storage
- Overall dimensions max. WxDxH 1040x290x55 mm
- Net weight approx. 0.8 kg
- KERN MSC 100, **€ 105,–**

4 KERN MSF 200
Mechanical height rod

Features

- Approved as a medical device according to 93/42/EEC
- Measuring range 60 – 200 cm (23½ – 78¾ inch); increments of 1 mm (1/16 inch)
- 5 Readout on scale with moveable, foldable stop or mounting on KERN scales MPS-PM (page 12), MPB-P (page 14) MTS-M (page 30) or 6 wall-mounted
- Sturdy aluminum profile
- Overall dimensions max. WxDxH 60x330x1630 mm
- Net weight approx. 0.7 kg
- KERN MSF 200, **€ 95,–**

STANDARD

1 DAY | 2 YEARS WARRANTY

Baby scale KERN MBC

Elegantly-shaped baby scale – approved as a medical device and with EC type approval class III for professional use in medical diagnostics






1



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4

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Popular in paediatrics, because it has a large weighing pan, which is ergonomically rounded and therefore ideally suited for weighing neonates
- 2 Special function for neonatology centres: Difference function for calculating the weight gain before and after feeding
- Robust ABS plastic. For easy and hygienic cleaning
- Secure and non-slip positioning with rubber feet
- Hold function:
  When patients do not lie completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the young patient first and then take the weight reading in peace
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- Backlit LCD display, digit height 25 mm
- Dimensions of tray
  WxDxH 600x280x55 mm
- Overall dimensions
  WxDxH 600x400x110 mm
- Overall dimensions incl. optional height rod
  WxDxH 890x470x175 mm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 20 h
- Mains adapter (external) included
- Net weight approx. 5.5 kg

Accessories

- 1 Mechanical height rod to fix to the scale, measuring range 80 cm, increments of 1 mm, KERN MBC-A01, **€ 110,–**
- 3 Foot/head rest to fix to the lying surface for even more safety when weighing small children, scope of delivery: 1 head rest and 1 foot rest, KERN MBC-A05, **€ 80,–**
- 4 Carrying case for mobile use, only for models without height rod, KERN MBC-A02, **€ 50,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN MBC-A06S05, **€ 40,–**
- Internal rechargable battery pack, operating time up to 40 h, without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 54,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**

STANDARD



OPTION



FACTORY



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

Model **KERN**	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** M III **KERN**	 €	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
MBC 15K2DM	6 | 15	0,002 | 0,005	0,002 | 0,005	**280,–**	965-128	29,–	963-128	88,–
MBC 20K10M	20	0,01	0,01	**280,–**	965-128	29,–	963-128	88,–

Baby scale KERN MBB

APPROVED MEDICAL DEVICE





1

Baby scale – approved as a medical device and with EC type approval class III for professional use in medical diagnostics

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Large, ergonomically optimised tray for safe weighing of neonates
- 1 Removable tray enables use as a scale for infants as well
- Robust ABS plastic. For easy and hygienic cleaning
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- Hold function:
  When patients do not stand or lie completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the young patient first and then take the weight reading in peace
- Wall mount for display device
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of tray
  WxD 550x240 mm
- Dimensions of weighing plate
  WxDxH 250x250x70 mm
- Dimensions of display device
  WxDxH 210x110x50 mm
- Overall dimensions
  WxDxH 560x288x136 mm
- Cable length of display device approx. 50 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 120 h
- Mains adapter (external) included
- Net weight approx. 4 kg

Accessories

- Carrying case for mobile use,
  KERN MBB-A02, **€ 75,–**
- Stand to elevate display device, height of stand approx. 450 mm, KERN EOB-A01, **€ 75,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth
  KERN MYC-01, **€ 46,–**
- Internal rechargeable battery pack, operating time up to 50 h, charging time approx. 24 h,
  KERN FOB-A08, **€ 55,–**

STANDARD: MOVE · BATT · MULTI · 1 DAY · 3 YEARS WARRANTY

OPTION: ACCU · DAkkS +3 DAYS

FACTORY: M +3 DAYS *

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

Model **KERN**	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** M III **KERN**	 €	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
MBB 15K2DM	6 | 15	0,002 | 0,005	0,005	**405,–**	965-128	29,–	963-128	88,–

Baby scale KERN MBE







Affordable baby scale for an optimum start in life

Features

- 1 Ergonomic tray with high side walls for the safe weighing of neonates
- Robust plastic tray
- 2 For easy and hygienic cleaning
- Particularly flat design
- Secure and non-slip positioning with rubber feet
- Simple and convenient 1-key operation
- Automatic Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” for 10 sec. This leaves suffcient time to read the weight in peace

Technical data

- LCD display, digit height 15 mm
- Dimensions of tray WxD 460x260 mm
- Overall dimensions WxDxH 560x350x88 mm
- Batteries included, 4 x 1.5V AA, operating time up to 200 h
- Net weight approx. 2 kg

Accessories

- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01, **€ 46,–**

STANDARD

CAL EXT · MOVE · BATT · 1 DAY · 2 YEARS WARRANTY

OPTION

DAkkS +3 DAYS

Model **KERN**	Weighing range [Max] kg	Readout [d] kg	**Price** excl. of VAT ex works **€**	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
MBE 20K10	20	0,01	**125,–**	963-128	88,–

Personal scale KERN MPE

Professional personal floor scale with BMI function – approved as a medical device and with EC type approval class III for professional use in medical diagnostics





KERN **MPE-PM**
with stand

KERN **MPE-HM**
with stand and
height rod


1


2


2


3

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- 1 Practical second display on the back of the balance, which makes it easy for both the patient and the doctor or nursing 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 which has a measuring range from 88 – 200 cm
- The ergonomically optimised shape and robust design mean that this range is ideal for daily use in a professional environment
- 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:
  When patients do not stand completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- Mother and child function: the mother‘s weight will be taken and then the scale will be reset to zero at the push of a button. Then the mother and baby can be weighed together. The weight of the child will now be shown on the display. This is particularly good for infants, as this way they can be cradled, safe and sound, in the arms of their mother while being weighed
- BMI function to determine underweight/ normal weight/surplus weight
- High resolution readout: Readout [d] for 5 sec. increased by one decimal place at the touch of a key
- 3 Easy to transport thanks to the two integrated transport wheels
- Battery- or mains-powered, rechargeable battery operation optional

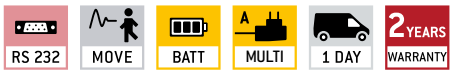
Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 365x360x80 mm
- Overall dimensions MPE-HM: WxDxH 365x620x2125 mm (with extracted height rod), MPE-PM: WxDxH 365x450x1020 mm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 20 h
- Mains adapter (external) included
- Data interface RS-232 standard
- Net weight approx. 12 kg

Accessories

- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN MPE-A01S05, **€ 40,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**
- Internal rechargable battery pack, operating time up to 40 h, without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 54,–**
- Interface cable RS-232C to connect an external device, KERN CFS-A01, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD



OPTION



FACTORY



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

Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** M III **KERN**	 €	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
MPE 250K100PM	250	0,1	0,1	**395,–**	965-129	51,–	963-129	105,–
MPE 250K100HM	250	0,1	0,1	**425,–**	965-129	51,–	963-129	105,–

Personal scale KERN MPS

Professional personal floor scale with BMI function – approved as a medical device and with EC type approval class III for professional use in medical diagnostics





KERN **MPS-PM**
with stand



KERN **MPS-M**
with free-standing
display device


1


2


3


4

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Thanks to its compact dimensions and the good price/performance ratio, this range is ideally suited for use in treatment rooms in doctor‘s surgeries and hospitals
- Ergonomic display device with large numerical keypad and high-contrast LCD display for easy entry and reading of patient data, such as, for example, the height for calculating the BMI
- Sturdy steel weighing plate with a non-slip and wear-resistant surface
- For easy and hygienic cleaning
- 1 Secure and non-slip positioning with height-adjustable rubber feet
- 1 Level indicator to level the balance precisely
- Hold function:
  When patients do not stand completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- 2 Wall mount for display device
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 275x295x58 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Only MPS-PM:
  Overall dimensions (incl. stand) WxDxH 275x460x1015 mm
- Cable length of display device (only for models without a stand) approx. 120 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 57 h
- Mains adapter (external) included
- Data interface RS-232 standard
- Net weight MPS-M approx. 4.8 kg, MPS-PM approx. 6 kg

Accessories

- 3 Sturdy transport case to protect and store the scale, only for model without a stand, KERN MPS-A07, **€ 115,–**
- 4 Mechanical measuring stick, measuring range: 60 – 200 cm, can be screwed onto the column from the front or the back (MPS-PM) or wall-mounted, approved as a medical device according to 93/42/EEC, sim. to illustration, KERN MSF 200, **€ 95,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**
- Internal rechargeable battery pack, operating time up to 50 h, charging time approx. 24 h, KERN FOB-A08, **€ 55,–**
- Interface cable RS-232C to connect an external device, KERN MPS-A08, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD: RS 232 · MOVE · BATT · MULTI · 1 DAY · 2 YEARS WARRANTY

OPTION: ACCU · DAkkS +3 DAYS

FACTORY: M +3 DAYS *

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

Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** M III KERN	 €	Option **DAkkS Calibr. Certificate** DKD KERN	 €
MPS 200K100M	200	0,1	0,1	**380,–**	965-129	51,–	963-129	105,–
MPS 200K100PM	200	0,1	0,1	**450,–**	965-129	51,–	963-129	105,–

Personal scale KERN MPB

Personal floor scale with BMI function





KERN **MPB-P**
with stand



KERN **MPB**
with free-standing
display device



1


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Features

- Sturdy steel weighing plate with a non-slip and wear-resistant surface
- For easy and hygienic cleaning
- Secure and non-slip positioning with rubber feet
- Hold function:
  When patients do not stand completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- Simple and convenient 4-key operation
- BMI function to determine underweight/ normal weight/surplus weight
- Wall mount for the display device, only for models without a stand
- Battery- or mains-powered

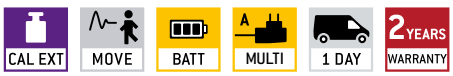
Technical data

- LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 315x300x60 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Only MPB-P: Overall dimensions (incl. stand) WxDxH 315x440x1010 mm
- Cable length of display device (only for models without a stand) approx. 120 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 170 h
- Mains adapter (external) included
- Net weight MPB approx. 4.6 kg, MPB-P approx. 6.4 kg

Accessories

- 1 Sturdy transport case to protect and store the scale, only for model without a stand, KERN MPS-A07, **€ 115,–**
- 2 Mechanical measuring stick, measuring range: 60 – 200 cm, can be screwed onto the column from the front or the back (MPS-PM) or wall-mounted, approved as a medical device according to 93/42/EEC, sim. to illustration, KERN MSF 200, **€ 95,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01, **€ 46,–**

STANDARD



OPTION



Model KERN	Weighing range [Max] kg	Readout [d] kg	**Price** excl. of VAT ex works **€**	Option **DAkkS Calibr. Certificate** DKD KERN	 €
MPB 300K100	300	0,1	**215,–**	963-129	105,–
MPB 300K100P	300	0,1	**285,–**	963-129	105,–

Personal scale KERN MPC

Professional personal scale – approved as a medical device and with EC type approval class III for professional use in medical diagnostics







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3

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- 1 The bestseller for doctor's surgeries, chemists and hospitals
- Robust design for daily use in a professional environment
- Ergonomically optimised design
- For easy and hygienic cleaning
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- 2 Flexible positioning of display device, e.g. free-standing or mounted to the wall. 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 readout: Readout [d] for 5 sec. increased by one decimal place at the touch of a key
- BMI function to determine underweight/ normal weight/surplus weight
- Hold function:
  When patients do not stand completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- Mother and child function: the mother's weight will be taken and then the scale will be reset to zero at the push of a button. Then the mother and baby can be weighed together. The weight of the child will now be shown on the display. This is particularly good for infants, as this way they can be cradled, safe and sound, in the arms of their mother while being weighed
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 365x360x80 mm
- Dimensions of display device WxDxH 200x128x55 mm
- Cable length of display device approx. 150 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 20 h
- Mains adapter (external) included
- Net weight approx. 10 kg

Accessories

- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN MBC-A06S05, **€ 40,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**
- Internal rechargable battery pack, operating time up to 40 h, without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 54,–**
- RS-232 data interface, must be ordered at purchase, KERN MPC-A01, **€ 55,–**
- Interface cable RS-232C to connect an external device, KERN CFS-A01, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

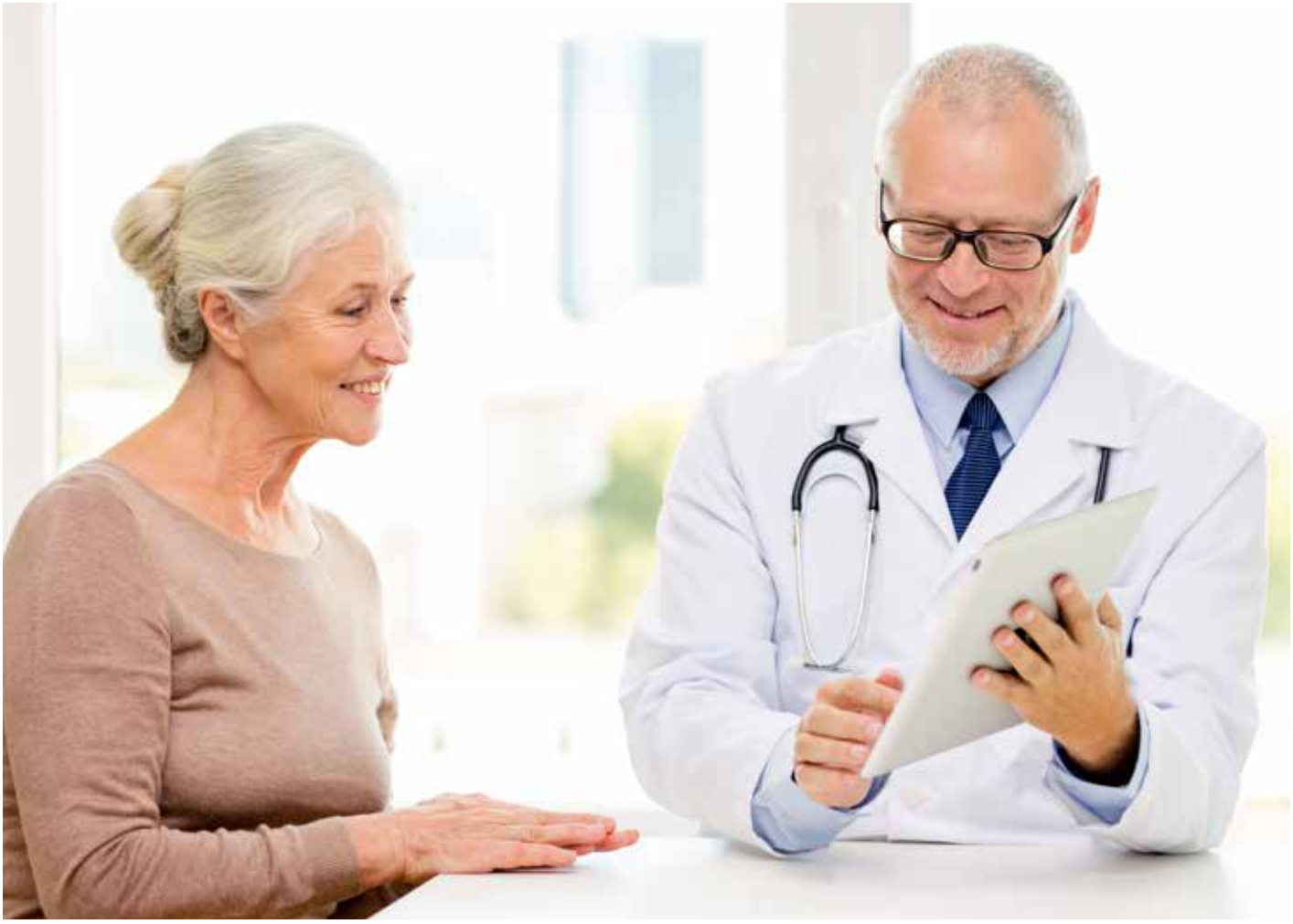
STANDARD: MOVE · BATT · MULTI · 1 DAY · 2 YEARS WARRANTY
OPTION: ACCU · DAkkS +3 DAYS
FACTORY: RS 232 · M +3 DAYS *

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

Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** M III **KERN**	 €	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
MPC 250K100M	250	0,1	0,1	**295,–**	965-129	51,–	963-129	105,–

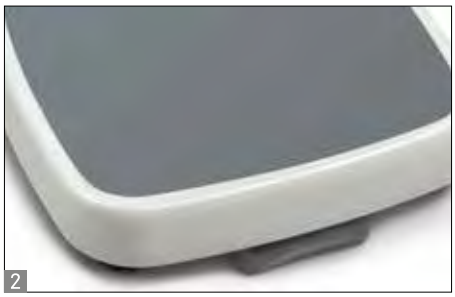
Step-on personal floor scale KERN MPD

Professional step-on personal floor scale approved as a medical device and with EC type approval class III






1


2


3

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- 1 The bestseller for doctor's surgeries, chemists and hospitals: easy to use with no time wasted – simply tap on it, stand on it, read the weight
- Robust design for daily use in a professional environment
- Ergonomically optimised design
- For easy and hygienic cleaning
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- 2 Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 365x360x80 mm
- Dimensions of display device WxDxH 200x128x55 mm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 20 h
- Mains adapter (external) included
- Net weight approx.10 kg

Accessories

- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN MBC-A06S05, **€ 40,–**
- 3 Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01, **€ 46,–**
- Rechargable battery pack internal, operating time up to 40 h, without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 54,–**

STANDARD

BATT · MULTI · 1 DAY · 2 YEARS WARRANTY

OPTION

ACCU · DAkkS +3 DAYS

FACTORY

M +3 DAYS *

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Model **KERN**	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** M III **KERN**	 €	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
MPD 250K100M	250	0,1	0,1	**285,–**	965-129	51,–	963-129	105,–

Obesity scale KERN MPT

APPROVED MEDICAL DEVICE





Compact personal floor scale with obesity range – approved as a medical device and with EC type approval class III for professional use in medical diagnostics

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Ideally suited for hospitals, clinics and doctor‘s surgeries as well as for mobile applications such as home visits or at sports events
- Thanks to the wide weighing range from 0 to 300 kg, this scale can be used to weigh children, adults of normal weight and overweight persons
- Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- Robust and compact design
- Hold function:
  When patients do not stand completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- Wall mount for the display device
- Sturdy handle for easy transportation of the scale
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 450x340x90 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Cable length of display device approx. 150 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 57 h
- Mains adapter (external) included
- Net weight approx. 8.5 kg

Accessories

- 1 Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01, **€ 180,–**
- Mechanical height rod, measuring range between 60 – 200 cm, for wall-mounting, approved as a medical device according to 93/42/EEC, KERN MSF 200, **€ 95,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**
- Internal rechargeable battery pack, operating time up to 50 h, charging time approx. 24 h, KERN FOB-A08, **€ 55,–**
- Interface cable RS-232C to connect an external device, KERN MPS-A08, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD: RS 232 · MOVE · BATT · MULTI · 1 DAY · 3 YEARS WARRANTY

OPTION: ACCU · DAkkS +3 DAYS

FACTORY: M +3 DAYS *

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Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification**		Option **DAkkS Calibr. Certificate**	
					M III **KERN**	€	DKD **KERN**	€
MPT 300K100M	300	0,1	0,1	**640,–**	965-129	51,–	963-129	105,–

Obesity scale KERN MXS

APPROVED MEDICAL DEVICE





Obesity scale for overweight patients – approved as a medical device and with EC type approval class III for professional use in medical diagnostics

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Ideal scale for bariatrics for weighing obese patients, thanks to the large, stable weighing platform and low-profile design, which makes it easier to step on the scale or to position a chair, etc.
- Sturdy steel weighing plate with a non-slip and wear-resistant surface
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- Hold function:
  When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- Ergonomic display device with large numerical keypad and high-contrast LCD display for easy entry and reading of patient data, such as, for example, the height for calculating the BMI
- Wall mount for display device
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 550x550x62 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Cable length of display device approx. 170 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 70 h
- Mains adapter (external) included
- Net weight approx. 14.5 kg

Accessories

- 1 Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01, **€ 180,–**
- Mechanical height rod, measuring range between 60 – 200 cm, for wall-mounting, approved as a medical device according to 93/42/EEC, KERN MSF 200, **€ 95,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**
- Internal rechargeable battery pack, operating time up to 50 h, charging time approx. 24 h, KERN FOB-A08, **€ 55,–**
- Interface cable RS-232C to connect an external device, KERN MPS-A08, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD: RS 232 · MOVE · BATT · MULTI · 1 DAY · 3 YEARS WARRANTY

OPTION: ACCU · DAkkS +3 DAYS

FACTORY: M +3 DAYS *

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

Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** KERN	€	Option **DAkkS Calibr. Certificate** KERN	€
MXS 300K100M	300	0,1	0,1	**1040,–**	965-129	51,–	963-129	105,–

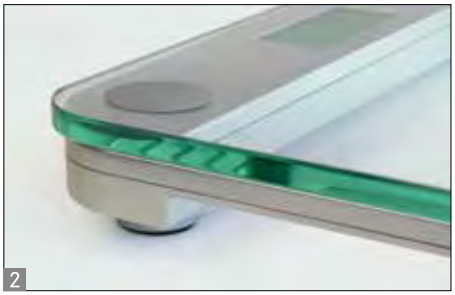
! **ONLY WHILE STOCKS LAST**

Bathroom scale KERN MGB





1


2

Designer personal scale with glass weighing plate

Features

- Elegant design meets precision
- Particularly flat design facilitates access
- For easy and hygienic cleaning
- Secure and non-slip positioning with rubber feet
- Easy to operate – the scale is switched on by a simple foot tap
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb
- Low overall height for secure footing and space-saving storage
- 1 Large high-contrast display that is easy to read
- 2 Sturdy glass weighing plate

Technical data

- LCD display, digit height 25 mm
- Overall dimensions WxDxH 290x290x40 mm
- Batteries included, 1 x 3V CR2032
- Net weight approx. 2 kg

Accessories

- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01, **€ 46,–**

STANDARD



OPTION

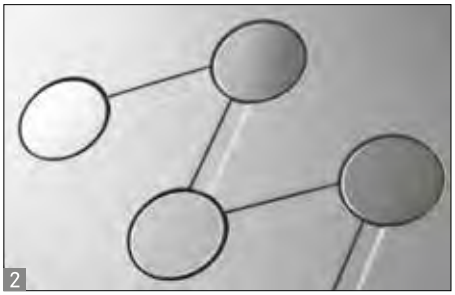


Model KERN	Weighing range [Max] kg	Readout [d] kg	**Price** excl. of VAT ex works **€**	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
MGB 150K100	150	0,1	**75,–**	963-129	105,–

Body fat scale KERN MFB







Designer body fat scale for a healthy life

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
- Elegant silver-metallic design
- Particularly flat design facilitates acces
- Sturdy plastic weighing plate with 12 contact points for maximum precision
- For easy and hygienic cleaning
- Secure and non-slip positioning with rubber feet
- Simple and convenient 3-key operation
- Memory for up to 10 people (gender, age, height)
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb
- Low overall height for secure footing and space-saving storage
- 1 Large high-contrast display that is easy to read
- 2 Stainless steel contact points

Technical data

- LCD display, digit height 25 mm
- Overall dimensions WxDxH 300x320x55 mm
- Batteries included, 4 x 1.5V AAA
- Net weight approx. 1.2 kg

Accessories

- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01, **€ 46,–**

STANDARD



OPTION



Model **KERN**	Weighing range [Max] kg	Readout [d] kg	**Price** excl. of VAT ex works **€**	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
MFB 150K100	150	0,1	**85,–**	963-129	105,–

Wheelchair platform scale KERN MWA

Wheelchair platform scale with two integrated access ramps for easy access – with EC type approval class III and approval for professional medical use in medical diagnostics





KERN **MWA**



KERN **MWA 300K-1PM**



1 KERN **MWA 300K-1PM**



2 KERN **MWA 300K-1PM**



3

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Especially suitable for weighing patients in wheelchairs, because the low-profile platform can be approached from either side
- The large steel weighing plate also makes it ideal for weighing obese patients
- Level indicator to level the balance precisely
- Hold function:
  When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- 1 **NEW: MWA 300K-1PM!** This set includes the wheelchair platform scale MWA 300K-1M and the handrail KERN MWA-A01 (including column for ergonomic mounting of the display device), which offers the patient maximum safety when driving or stepping onto the weighing platform
- 2 Both access ramps and the handrail KERN MWA-A01 can be folded up quickly and easily for transportation, for example
- BMI function to determine underweight/normal weight/surplus weight
- 3 3 balances in one: With the practical optional handrail set 4 KERN MWA-A02, the wheelchair platform scale MWA 300K-1PM can be converted quickly and easily into a multi-function scale. This allows for the patients to be weighed while standing on the scale, with support from the handrail or weighed in a wheelchair
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of display device WxDxH 200x128x55 mm
- Overall dimensions, without handrail, WxDxH 1180x1000x1130 mm
- Cable length of display device approx. 180 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 20 h
- Mains adapter (external) included
- Net weight approx. 57.6 kg

Accessories

- 4 Handrail, without column, cannot be folded, for self-assembly on the KERN MWA 300K-1M wheelchair platform scale or MWA 300K-1PM, WxDxH approx. 560x40x920 mm. Delivery includes handrail, fasteners, KERN MWA-A02, **€ 85,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN MBC-A06S05, **€ 40,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**
- Internal rechargable battery pack, operating time up to 40 h, without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 54,–**
- Interface cable RS-232C to connect an external device, KERN CFS-A01, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD: RS 232 · MOVE · IP 65 · BATT · MULTI · 2 DAYS · 3 YEARS WARRANTY

OPTION: ACCU · DAkkS +3 DAYS

FACTORY: M +3 DAYS *

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

Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Weighing surface mm	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** MIII KERN	€	Option **DAkkS Calibr. Certificate** DKD KERN	€
MWA 300K-1M	300	0,1	0,1	880x840	**1130,–**	965-129	51,–	963-129	105,–
MWA 300K-1PM NEW	300	0,1	0,1	880x840	**1230,–**	965-129	51,–	963-129	105,–

NEW New Model

Wheelchair platform scale KERN MWS

Wheelchair platform scale with low overall height for easy access – with EC type approval class III and approval for professional medical use in medical diagnostics






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Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Especially suitable for weighing patients in wheelchairs, because the low-profile platform can be approached from either side and it has a memory function for tare weights for up to five (power) 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:
  When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- 1 The scale can be easily transported using 2 rollers and a handle and does not require much storage space
- 2 Display device with two magnets on the back, ideal to fix it to metallic surfaces, e.g. to the weighing plate during transportation
- 3 Three balances in one: With the practical KERN MWS-A02 handrail set, the wheelchair platform scale MWS 300K100M 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
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Overall dimensions MWS 300K100M WxDxH 1155x800x66 mm, MWS 400K100DM WxDxH 1255x1060x69 mm
- Overall dimensions inkl. MWS-A02 WxDxH 1155x820x1070 mm
- Cable length of display device approx. 180 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 50 h
- Mains adapter (external) included
- Net weight approx. 28.4 kg

Accessories

- 3 Handrail set to fit to the wheelchair platform scale KERN MWS 300K100M, WxDxH approx. 1150x60x900 mm. Scope of delivery: two handrails, a stability bar, fasteners. Factory option, KERN MWS-A02, **€ 590,–**
- 4 Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01, **€ 180,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**
- Internal rechargeable battery pack, operating time up to 50 h, charging time approx. 24 h, KERN FOB-A08, **€ 55,–**
- Interface cable RS-232C to connect an external device, KERN MPS-A08, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD: RS 232 · MOVE · BATT · MULTI · 2 DAYS · 3 YEARS WARRANTY

OPTION: ACCU · DAkkS +3 DAYS

FACTORY: M +3 DAYS *

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

Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Weighing surface mm	Price excl. of VAT ex works €	Mandatory by law Verification KERN	 €	Option DAkkS Calibr. Certificate KERN	 €
MWS 300K100M	300	0,1	0,1	900x740	**1280,–**	965-129	51,–	963-129	105,–
MWS 400K100DM	300 | 400	0,1 | 0,2	0,1 | 0,2	1000x1000	**1450,–**	965-130	83,–	963-130	165,–

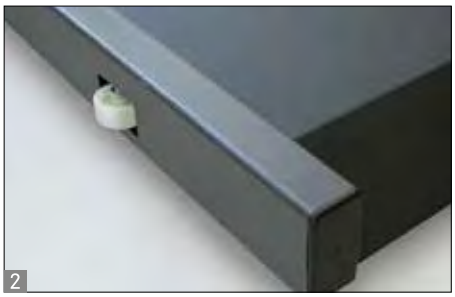
Stretcher scale KERN MWS-L

Stretcher scale with a low overall height for easy access – with EC type approval class III and approval for medical use

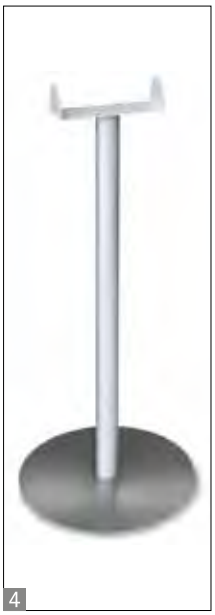





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Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- 1 Due to its large dimensions and large weighing range, it is especially suitable for weighing immobile patients on stretchers or wheelchairs as well as obese patients
- Large steel weighing plate with non-slip and wear-resistant surface
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- Hold function:
  When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- 2 The scale can be easily transported using 2 rollers and 2 handles and does not require much storage space
- 3 Display device with two magnets on the back, ideal to fix it to metallic surfaces, e.g. to the weighing plate during transportation
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Overall dimensions WxDxH 1500x860x68 mm
- Cable length of display device approx. 180 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 50 h
- Mains adapter (external) included
- Net weight approx. 40 kg

Accessories

- 4 Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01, **€ 180,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01, **€ 46,–**
- Rechargable battery pack internal, operating time up to 45 h, charging time approx. 14 h, KERN FOB-A08, **€ 55,–**
- Interface cable RS-232C to connect an external device, KERN MPS-A08, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD



OPTION



FACTORY



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

Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Weighing surface mm	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** KERN	 €	Option **DAkkS Calibr. Certificate** KERN	 €
MWS 300K-1LM	300	0,1	0,1	1200x800	**1790,–**	965-129	51,–	963-130	165,–

Handrail scale KERN MTS

Affordable handrail scale for a secure feeling during weighing – approved as a medical device and with EC type approval class III for professional use in medical diagnostics













Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Ideal for care homes, centres for geriatric medicine, internal medicine and much more
- The sturdy support structure helps fragile and weak patients to stand safely and, at the same time, allows for a precise determination of the patients' weight
- Large platform with non-slip and wear-resistant surface for a secure footing
- Low platform height facilitates access
- Hold function:
  When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- 1 Ergonomic display device with large keys and a high-contrast LCD display for easy entry and reading of patient data or the height for calculating the BMI
- 2 Two wheels for easy transportation of the scale
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of weighing plate
- WxDxH 550x550x62 mm
- Dimensions of display device
  WxDxH 210x110x50 mm
- Overall dimensions
  WxDxH 550x550x1100 mm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 70 h
- Mains adapter (external) included
- Net weight approx. 20 kg

Accessories

- 3 Mechanical height rod, measuring range 60 – 200 cm, can be screwed onto the column or wall-mounted, approved as a medical device according to 93/42/EEC, sim. to illustration, KERN MSF 200, **€ 95,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01, **€ 46,–**
- Internal rechargeable battery pack, operating time up to 50 h, charging time approx. 24 h, KERN FOB-A08, **€ 55,–**
- Interface cable RS-232C to connect an external device, KERN MPS-A08, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD



OPTION



FACTORY



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

Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** M III **KERN**	 €	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
MTS 300K100M	300	0,1	0,1	**1230,–**	965-129	51,–	963-129	105,–

Handrail scale KERN MTA

Sturdy handrail scale for a secure feeling during weighing – with EC type approval class III and approval for professional medical use in medical diagnostics




1


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Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Ideal for care homes, centres for geriatric medicine, internal medicine and much more
- 1 The sturdy support structure helps fragile and weak patients to stand safely and, at the same time, allows for a precise determination of the patients' 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:
  When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- 2 Practical second display on the back of the balance, which makes it easy for both the patient and the doctor or nursing staff to read the weight
- BMI function to determine underweight/ normal weight/surplus weight
- Ergonomic display device with large keys and a high-contrast LCD display for easy entry and reading of patient data or the height for calculating the BMI
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 780x680x68 mm
- Dimensions of weighing surface WxD 600x600 mm
- Dimensions of display device WxDxH 200x128x55 mm
- Overall dimensions WxDxH 780x680x1100 mm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 50 h
- Mains adapter (external) included
- Net weight approx. 40 kg

Accessories

- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN MPE-A01S05, **€ 40,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01, **€ 46,–**
- Rechargable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 54,–**
- Interface cable RS-232C to connect an external device, KERN CFS-A01, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD: CAL EXT · RS 232 · GLP PRINTER · MOVE · BATT · MULTI · DMS · 2 DAYS · 3 YEARS WARRANTY

OPTION: ACCU · DAkkS +3 DAYS

FACTORY: M +3 DAYS *

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

Model KERN	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification**		Option **DAkkS Calibr. Certificate**	
					M III **KERN**	€	DKD **KERN**	€
MTA 400K-1M	300 | 400	0,1 | 0,2	0,1 | 0,2	**925,–**	965-130	83,–	963-130	165,–

Chair scale KERN MCB

Mobile chair scale with four wheels – with EC type approval class III and approval for professional medical use in medical diagnostics






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Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- 1 Mobile version with locking brakes on all 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
- This chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can handle weighing overweight persons weighing up to 300 kg
- For fragile patients, the comfortable, ergonomically optimised seat offers secure support during weighing
- 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
- Hold function:
  When patients do not sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- 3 LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Overall dimensions WxDxH 600x850x960 mm
- Mains adapter (external) included
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 70 h
- Net weight approx. 26 kg

Accessories

- 4 Practical mains adapter pouch to store the mains adapter which is supplied as standard. Fitting option using two Velcro fasteners, KERN MCB-A05, **€ 36,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**
- Internal rechargeable battery pack, operating time up to 50 h, charging time approx. 24 h, KERN FOB-A08, **€ 55,–**
- Interface cable RS-232C to connect an external device, KERN MPS-A08, **€ 46,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–**
  For more details see the internet

STANDARD: RS 232, MOVE, BATT, MULTI, 2 DAYS, 3 YEARS WARRANTY

OPTION: ACCU, DAkkS +3 DAYS

FACTORY: M +3 DAYS *

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

Model	Weighing range	Readout	Verification value	**Price** excl. of VAT ex works	Mandatory by law **Verification**		Option **DAkkS Calibr. Certificate**	
KERN	[Max] kg	[d] kg	[e] kg	**€**	KERN	€	KERN	€
MCB 300K100M	300	0,1	0,1	**955,–**	965-129	51,–	963-129	105,–

Chair scale KERN MCC

Ergonomically optimised chair scale – with EC type approval class III and approval for professional medical use in medical diagnostics






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Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- 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
- 3 The four steerable rollers, with their large diameter, make it easier to get over door thresholds, edges and across the gaps into elevators. All four rollers can be locked individually and securely
- This chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can handle weighing overweight persons weighing up to 250 kg
- 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 armrest ideally suited for use with 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:
  When patients do not sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- High resolution readout: Readout [d] for 5 sec. increased by one decimal place at the touch of a key

Technical data

- 3 Large backlit LCD display with digit height 25 mm
- Dimensions of display device WxDxH 200x128x55 mm
- Overall dimensions WxDxH 625x990x985 mm
- 4 Practical mains adapter pouch on the back of the chair as well as mains adapter (external) supplied as standard
- Rechargeable battery pack internal, standard, operating time up to 40 h without backlight, charging time approx. 12 h
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 20 h
- Net weight approx. 22 kg

Accessories

- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN MBC-A06S05, **€ 40,–**
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01, **€ 46,–**

STANDARD: MOVE · BATT · ACCU · MULTI · 2 DAYS · 3 YEARS WARRANTY

OPTION: DAkkS +3 DAYS

FACTORY: M +3 DAYS *

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

Model	Weighing range	Readout	Verification value	**Price**	Mandatory by law **Verification**		Option **DAkkS Calibr. Certificate**	
KERN	[Max] kg	[d] kg	[e] kg	excl. of VAT ex works **€**	KERN	€	KERN	€
MCC 250K100M	250	0,1	0,1	**790,–**	965-129	51,–	963-129	105,–





3

Stainless steel drive-through scale with two integrated access ramps and EC type approval [M]

Features

- Robust stainless steel drive-through scale for rapid weighing of e.g. laundry carts, container trolleys, roller containers, etc. Ideal for hospital laundry services, goods inwards, hospital kitchens, etc.
- Low platform height and integrated access ramps on both sides facilitate access. No need for pit frame installation – which saves money
- Weighing bridge stainless steel, extremely resistant to bending
- 1 4 load cells steel, encapsulated. Protection against dust and water splashes IP68, suitable for continuous use in wet areas
- 2 Stainless steel display device with protection against dust and water splashes IP65
- Superior display size: digit height 52 mm. Bright backlight for easy reading of weight, even in poor lighting conditions
- For easy and hygienic cleaning
- Suitable for the ever-increasing hygienic requirements in the medical environment
- Totalising of weights and piece counts

Technical data

- Large backlit LCD display, digit height 52 mm
- Overall dimensions WxDxH 1600x1200x78 mm
- Weighing surface, without access ramps WxD 1000x1000 mm
- Dimensions of display device WxDxH 266x165x96 mm
- Cable length of display device approx. 5 m
- Net weight approx. 131 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Rechargable battery pack internal, operating time up to 35 h without backlight, charging time approx. 10 h, must be ordered at purchase, KERN GAB-A04, **€ 40,–**
- 3 Stand to elevate display device, stainless steel, height-adjustable, height of stand 750 – 1000 mm, KERN BFN-A04, **€ 280,–**
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03, **€ 70,–**
- Large display with superior display size, please refer to KERN's website for more details. KERN YKD-A02, **€ 215,–**
- Cable with special length 15 m, between display device and platform, must be ordered at purchase, KERN BFB-A03, **€ 160,–**
- Data interface RS-232, interface cable included, approx. 1.5 m, must be ordered at purchase, KERN KFN-A01, **€ 95,–**
- Matrix needle printer, KERN YKN-01, **€ 225,–**
- Label printer, KERN YKE-01, **€ 590,–**
- Thermal printer, KERN YKB-01N, **€ 325,–** For more details see the internet

STANDARD

CAL EXT · GLP PRINTER · PCS · SUM · TOL · MOVE · IP 65 (2) · IP 68 (1) · INOX · MULTI · 2 DAYS · 3 YEARS WARRANTY

OPTION

DAkkS +3 DAYS

FACTORY

RS 232 · ACCU · M +3 DAYS

Model KERN	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	**Price** excl. of VAT ex works **€**	Mandatory by law **Verification** KERN	 €	Option **DAkkS Calibr. Certificate** KERN	 €
NFN 600K-1M	600	200	200	4000	**2880,–**	965-230	132,–	963-130	165,–
NFN 1.5T-4M	1500	500	500	10000	**2880,–**	965-230	132,–	963-130	165,–





1



2

Compact organ scale, protected against water splashes through stainless steel construction and IP65 rating, also with EC type approval [M]

Features

- Verification class III (only FFN-M; verification is optional)
- Particularly suitable to determine the specific weight of organs, tissues, etc. in Pathology or in the laboratory
- 1 The housing is made of stainless steel and has a removable stainless steel weighing plate, which makes cleaning easy and hygienic
- Suitable for the ever-increasing hygienic requirements in the medical environment
- High mobility: thanks to carrying grips on the underside of the scale, battery operation, compact construction and low weight, it is suitable for use in several locations
- Secure and non-slip positioning with height-adjustable rubber feet.
- Level indicator to level the balance precisely
- IP65: Protected against dust and water splashes (only when using rechargeable battery pack)

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of weighing plate stainless steel WxD 230x190 mm
- Overall dimensions WxDxH 230x300x130 mm
- Rechargeable battery pack internal, standard, operating time up to 50 h, charging time approx. 12 h
- Net weight approx. 3.2 kg
- Permissible ambient temperature 0 °C/40 °C

Accessories

- 2 Tare pan made of stainless steel, ideal for weighing organs, tissues, etc. WxDxH 370x240x20 mm, KERN RFS-A02, **€ 55,–**

STANDARD



OPTION



FACTORY



Model KERN	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	**Price** excl. of VAT ex works **€**	Option **Verification** M III **KERN**	 €	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
FFN 1K-4N	1,5	0,2	–	**275,–**	–	–	963-127	72,–
FFN 3K0.5IPN	3	0,5	–	**275,–**	–	–	963-127	72,–
FFN 6K1IPN	6	1	–	**275,–**	–	–	963-128	88,–
FFN 15K2IPN	15	2	–	**275,–**	–	–	963-128	88,–
FFN 25K5IPN	25	5	–	**275,–**	–	–	963-128	88,–
FFN 1K-4NM	1,5	0,5	0,5	**295,–**	965-227	55,–	963-127	72,–
FFN 3K1IPM	3	1	1	**295,–**	965-227	55,–	963-127	72,–
FFN 6K2IPM	6	2	2	**295,–**	965-228	55,–	963-128	88,–
FFN 15K5IPM	15	5	5	**295,–**	965-228	55,–	963-128	88,–
FFN 25K10IPM	25	10	10	**295,–**	965-228	55,–	963-128	88,–




1

Organ scale stainless steel and IP68 protected – now with improved accuracy

Features

- Particularly suitable to determine the specific weight of organs, tissues, etc, in Pathology or in the laboratory
- Tough industry standard suitable for use in harsh industrial applications
- IP68 protection: very high class of protection against dust and water. Making it very robust and durable. Ideal for harsh ambient conditions. Submersion in water actually possible
- Stainless steel housing, rust-proof and easy to clean
- Very fast display: steady weight values within 2 sec
- High mobility: Battery operation, compact construction and low weight make this balance ideal for use in several locations
- Carrying grips on the underside of the scale for easy transportation

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of weighing plate stainless steel WxD 236x195 mm
- Overall dimensions WxDxH 240x280x120 mm
- Ready for use: Batteries included, 4 x 1.5 V Size D, operating time up to 200 h, AUTO-OFF function to preserve the batteries, can be switched off
- Net weight approx. 3.5 kg
- Permissible ambient temperature 0 °C/40 °C

Accessories

- 2 Tare pan made of stainless steel, ideal for weighing organs, tissues, etc. WxDxH 370x240x20 mm, KERN RFS-A02, **€ 55,–**

STANDARD



OPTION



Model KERN	Weighing range [Max] kg	Readout [d] g	**Price** excl. of VAT ex works **€**	Option **DAkkS Calibr. Certificate** DKD **KERN**	 €
FXN 3K-4N	3	0,5	**335,–**	963-127	72,–
FXN 6K-3N	6	1	**335,–**	963-128	88,–
FXN 10K-3N	15	2	**335,–**	963-128	88,–
FXN 30K-3N	30	5	**335,-**	963-128	88,–





1



2

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
- Designed to reveal reduced hand strength and the risk of morbidity which results from this, for aging people or to expose malnutrition, for example, during chemotherapy or similar treatments
- Safe, comfortable use thanks to non-slip rubber grips
- Integrated AUTO-OFF function after 1 minute to preserve the batteries
- Result displayed in kg or lb
- MAP 80K1S: Special version for children: The small handle depth allows children in particular to easily and ergonomically grip the handles
- 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 display, digit height 12 mm
- Batteries included, 1 x CR2450, operating time up to 53 h
- Net weight approx. 0.3 kg

STANDARD



Model KERN	Measuring range [Max] kg	Readout [d] kg	Spring sets kg	Overall dimensions WxDxH mm	**Price** excl. of VAT ex works **€**	Option **ISO Calibr. Certificate** ISO KERN	 €
MAP 80K1S	80	0,1	10, 20, 40, 80	55x88x212	**240,–**	961-167	120,–
MAP 80K1	80	0,1	20, 40, 80	55x102x212	**235,–**	961-167	120,–
MAP 130K1	130	0,1	40, 80, 130	55x102x212	**210,–**	961-167	120,–



See images for dynamometers with optional accessories AC45-47





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 SAUTER AFK 02 | AFH 04 or the support AFH 21 means that you can obtain reliable weighing results
- Our recommendation: Combine the force measuring device (Sauter FK or FH) with the stainless steel handles (Sauter AFK 02 or AFH 04, depending on the force measuring device selected) or the support (SAUTER AFH 21) and one or more physio sensors (AC 45, AC 46, AC 47)
- All components can be ordered individually

Accessories

- 1 AC 45: Concave force sensor with optimised radius for measurement, particularly of arms and legs, up to 1kN, SAUTER AC 45, **€ 135,–**
- 2 AC 46: Flat square-shaped sensor for lateral power sensing of back, chest or arm, up to 1kN, SAUTER AC 46, **€ 90,–**
- 3 AC 47: Round sensor to measure particular muscle groups, such as, for example, the shoulder, up to 1kN, SAUTER AC 47, **€ 95,–**
- 4 Stainless steel handle with plastic coating for force measuring devices
  SAUTER FK: AFK 02, **€ 85,–**
  SAUTER FH: AFH 04, **€ 85,–**
- 5 Support for medical muscular strength measurement, suitable for dynamometers SAUTER FK, FH, SAUTER AFH 21, **€ 275,–**

STANDARD FK: PEAK · PUSH/PULL · BATT · MULTI · 1 DAY · 2 YEARS WARRANTY

STANDARD FH: PEAK · PUSH/PULL · STATISTIC · SWITCH · RS 232 · TOL · ACCU · MULTI · 1 DAY · 2 YEARS WARRANTY

OPTION FH: SOFTWARE

Model SAUTER	Measuring range [Max] N	Readout [d] N	Price excl. of VAT ex works €
FK 50.	50	0,02	**250,–**
FK 100.	100	0,05	**250,–**
FK 250.	250	0,1	**250,–**
FK 500.	500	0,2	**250,–**
FK 1K.	1000	0,5	**250,–**
AFH 21 can either be combined with FK or FH			
FH 50.	50	0,01	**460,–**
FH 100.	100	0,05	**460,–**
FH 200.	200	0,1	**460,–**
FH 500.	500	0,1	**460,–**

Model SAUTER	Description	Price excl. of VAT ex works €
4 **AFK 02**	Stainless steel handle bar with rubber grip	**85,–**
5 **AFH 21**	Support	**350,–**
4 **AFH 04**	Stainless steel handle bar with rubber grip	**85,–**

Model SAUTER	Description	Price excl. of VAT ex works €
AC 45	Concave force sensor with optimised radius for measurement, particularly of arms and legs	**135,–**
AC 46	Flat square-shaped sensor for lateral power sensing e.g. of back, chest or arm	**90,–**
AC 47	Round sensor to measure particular muscle groups, such as, for example, the shoulder	**95,–**

Compound microscope KERN OBE

PROFESSIONAL CARE









The robust model for use in hospital, laboratory or vocational training

Features

- The KERN OBE is a very easy to use, robust and stable educational microscope for all common routine applications
- Thanks to its dimmable, strong 3W LED light source, it produces impressive images for its class
- These microscopes are fitted with wide field eyepieces with diopter adjustment, achromatic objectives, a nosepiece for up to four objectives, a large, fully-fledged stage and an Abbe condenser, all as standard
- Trinocular models are also available for connecting a camera. Models with other objective combinations are also available on request
- A large selection of different eyepieces and objectives 1, a simple polarisation unit 2 and a dark field unit 3 are also available
- Coarse and fine adjustment on both sides is standard
- One of the central features of this variable and simultaneously robust series of microscopes is the stable and precisely adjustable mechanism. This is underlined by the functional and ergonomic design

Technical data

- Quadplex nosepiece
- Tube 360° rotatable/30° inclined
- Overall dimensions WxDxH 324x191x348 mm
- Net weight approx. 5.5 kg

Please refer to the website for further details as well as information on the full range of model features

STANDARD

360° · BINO · ABBE · LED · 230 V · 1 DAY · 3 YEARS WARRANTY

OPTION

POLAR · SCALE

Model KERN	Standard configuration					Price excl. of VAT ex works €
	Tube	Eyepieces	Objective quality	Objectives	Illumination	
OBE 112	Binocular	WF 10x/Ø18 mm	Achromatic	4x/10x/40x/100x	3W LED (transmitting)	**550,–** ↓

↓ Price reduction











The variable model for the flexible user in the laboratory and vocational training

Features

- The KERN OBF-1 and OBL-1 models are excellent and robust laboratory microscopes for all common routine applications
- Thanks to the simple Koehler illumination, the adjustable field diaphragm and a pre-centred and height adjustable Abbe condenser with adjustable aperture diaphragm, these microscopes produce impressive images in both bright and dark field applications
- 2 The microscopes are equipped with wide field eyepieces, achromatic, plan achromatic or infinity corrected E-plan objectives, depending on the model
- These binocular microscopes are equipped with diopter adjustment
- 1 A trinocular head is optionally available, allowing a camera to be fitted
- A nosepiece for up to four objectives and a large stage are provided as standard
- The following optional accessories are available:
  - A variety of eyepieces
  - objectives
  - 3 a complete polarisation kit
  - a phase contrast unit
  - 4 a dark field attachment
  - complete HBO and LED fluorescence kits and more
- 20W halogen illumination and a 3W LED alternative version are available for illumination
- One of the central features of this variable and simultaneously robust series of microscopes is the stable and precisely adjustable mechanism

Technical data

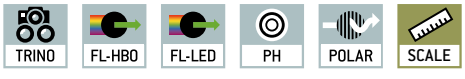
- Quadplex nosepiece
- Tube 360° rotatable/30° inclined
- Overall dimensions WxDxH 395x200x380 mm
- Net weight approx. 6.5 kg

Please refer to the website for further details as well as information on the full range of model features

STANDARD



OPTION



Model KERN	Standard configuration					Price excl. of VAT ex works €
	Tube	Eyepieces	Objective quality	Objectives	Illumination	
OBF 121	Binocular	WF 10x/Ø 18 mm	Achromatic	4x/10x/ 40x/100x	6V/20W Halogen (transmitting)	**770,–** ↓
OBF 122	Binocular	WF 10x/Ø 18 mm	Plan		6V/20W Halogen (transmitting)	**880,–** ↓
OBF 123	Binocular	WF 10x/Ø 18 mm	Plan		3W LED (transmitting)	**860,–** ↓
OBL 125	Binocular	WF 10x/Ø 20 mm	Infinity E-plan		6V/20W Halogen (transmitting)	**930,–** ↓
OBL 127	Binocular	WF 10x/Ø 20 mm	Infinity E-plan		3W LED (transmitting)	**930,–** ↓

↓ Price reduction

Compound microscope KERN OBN-13

PROFESSIONAL CARE




1


2


3

The flexible expandable model for the experienced user

Features

- The KERN OBN-13 is an excellent and stable laboratory microscope for all common routine applications for impressive images
- These trinocular microscopes are equipped with wide field eyepieces with a large field of view, diopter adjustment on both sides and infinity corrected plan achromatic objectives as standard
- 1 The professional Koehler illumination is easily adjustable. It includes an adjustable field diaphragm, and a centerable and height adjustable Abbe condenser with adjustable aperture diaphragm. This provides impressive images in both bright and dark field applications
- 2 A nosepiece for up to five objectives and a large stage are provided as standard
- The following optional accessories are available:
  - A variety of eyepieces
  - objectives
  - a complete polarisation kit
  - a swing-out condenser
  - 3 several phase contrast sets, e.g. Quintuple hole turret with 10x/20x/40x/100x Infinity-PH-Plan objectives
  - complete HBO and LED fluorescence kits, and more
- One of the central features of this highly variable and simultaneously robust series of microscopes is the stable and precisely adjustable mechanism. This is underlined by the functional and ergonomic design

Technical data

- Quintuple nosepiece
- Tube 360° rotatable/30° inclined
- Overall dimensions WxDxH 390x200x400 mm
- Net weight approx. 10 kg

Please refer to the website for further details as well as information on the full range of model features

STANDARD

360° | TRINO | ABBE | HAL | INFINITY | 230 V | 1 DAY | 3 YEARS WARRANTY

OPTION

BINO | FL-HBO | FL-LED | PH | POLAR | SCALE

Model KERN	Standard configuration					Price excl. of VAT ex works €
	Tube	Eyepieces	Objective quality	Objectives	Illumination	
OBN 132	Trinocular	WF 10x/Ø 20 mm	Infinity plan	4x/10x/20x/40x/100x	6V/20W Halogen (transmitting)	**1420,–** ↓

↓ Price reduction





1

Refractive index measurement for laboratories and pharmacies

Features

- Particularly suitable for the measurement of the specific gravity (sg) in urine, the quantitiy of serum (serumproteine) in urine (doping control among athletes), and the refractive index
- The main scope of applications is: Hospitals, Doctor's surgeries/Physicians, Medical training institutions, Nursing homes, Sports medicine (doping test)
- The KERN ORA refractometers are universal, maintenance free analogue handheld refractometers
- 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 especailly developed, exactly calculated and checked. They are also characterized by their thin and clear lines
- The optical system and the prism cover are made of special material which allows a low-tolerance measuring
- All ORA models are equipped with an eyepiece for easy and smooth setting for many different diopter strengths
- The models marked with "ATC" have an automatic temperature compensation which enables accurate measurement at different ambient temperatures (10 °C to 30 °C)
- 1 The follwoing accessory-parts are included:
  - Storage box
  - Calibration liquid
  - Pipette
  - Small screwdriver
  - Cleaning tissue
- Further accessories are available optionally

Technical data

- Die-cast housing of copper-aluminium alloy, chrome coated
- Measurement temperature range with ATC: 10 °C – 30 °C
- Dimensions of the box: 205x75x55 mm
- Packing dimensions WxDxH 215x94x65 mm
- Product length: approx. 130 – 200 mm (depending on the model)
- Net weight approx. 145 g

Please refer to the website for further details as well as information on the full range of model features

STANDARD



OPTION



Model KERN	Scales	Measuring range	Division	ATC	Price excl. of VAT ex works €
ORA 2PA	Serum protein Urine (spec. gravity) Refractive index	0 – 12 g/dl 1,000 – 1,050 sgU 1,3330 – 1,3600 nD	0,2 g/dl 0,002 sgU 0,0005 nD	●	**85,–**
ORA 32BA	Brix	0 – 32 %	0,2 %	●	**85,–**




1

Digital refractive index measurement for laboratories, pharmacies and for multi-application

Features

- Particularly suitable for the measurement of the specific gravity (sg) in urine, the quantitiy of serum (serumproteine) in urine (doping control among athletes), and the refractive index
- The main scope of applications is: Hospitals, Doctor's surgeries/Physicians, Medical training institutions, Nursing homes, Sports medicine (doping test)
- The KERN ORD refractometers are accurate and universal maintenance free digital handheld refractometers
- The typical and practical design is suitable for a quick and convenient everyday use and is characterized by its easy-using and robustness
- The large display is easy to read Mistakes in reading are avoided
- A large selection of models is available with single or multiple scales. This allows the use in various applications
- The instrument comes with an optimized software that can show a result in different scales
- The integrated automatic temperature compensation (ATC), avoids the manual conversion of the measurement. This allows a quick and efficient usage of the instrument
- 1 The follwoing accessory-parts are included:
  - Calibration liquid
  - Pipette
  - Storage box
  - 2 x AAA
  - Leather case
  - Small screwdriver
  - Cleaning cloth

Technical data

- Measurement temperature: 10 °C – 30 °C
- Overall dimensions WxDxH 133x65x38 mm
- Packing dimensions WxDxH 235x200x65 mm
- Net weight approx. 200 g
- Power supply: 2 x AAA (1.5V)
- Lifetime of the battery: approx. 10,000 measurements
- ATC (Automatic Temperature Compensation)
- Minimum sample volume: 2 drops
- Automatic energy management (turns off after 6 minutes)

STANDARD



KERN					€
ORD 1PM		0 – 12 g/dl 1,000 – 1,050 sgU 1,3330 – 1,3990 nD	± 0,1 g/dl ± 0,001 sgU ± 0,0003 nD	0,1 g/dl 0,001 sgU 0,001 nD	**340,–**
ORD 45BM		0 – 45 % 1,3330 – 1,4098 nD	± 0,2 % ± 0,0003 nD	0,1 % 0,0001 nD	**340,–**

KERN Veterinary scales

"Simple, practical animal weighing to determine the exact weight of many pets and livestock. Absolutely reliable in everyday practice!"

Animal scales for weighing pets and livestock such as rabbits, cats, dogs, snakes, sheep, horses 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 tonne, 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 that the weight obtained will continue to be displayed even after the animal has been removed from the scale. This means that you 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.

KERN – for the love of animals!





KERN HCB



1 KERN HCB 0.5T-3



2 KERN HCN



3

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

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
- Data hold function:
  For easy reading of the weight, 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 stainless steel hook and stainless steel snap links included as standard (not with models HCB with [Max] ≥ 0.5 t)
- Peak load display (peak hold), measuring frequency 5 Hz

HCB

- Ready for use: Batteries standard, 3 x 1.5 V AA, operating time approx. 300 h
- 1 HCB with [Max] ≥ 0.5 t: Reinforced versions for heavy loads. Snap link and hook not included

HCN

- Ready for use: Batteries included (2 x 1.5 V AA), operating time approx. 200 h
- 2 Housing stainless steel, IP65: Protected against dust and water splashes
- 3 Second display on the rear of the balance

Technical data

- LCD display, digit height 12 mm
- Hole diameter of load support, model with
  [Max] ≤ 200 kg: approx. 14 mm
  [Max] > 200 kg: approx. 16 mm

Accessories for models with [Max] ≤ 200 kg

- Hook (stainless steel) standard, aperture approx. 25 mm, can be reordered, KERN HCB-A02, **€ 30,–**
- Snap link (stainless steel) with safety catch standard, aperture approx. 15 mm, can be reordered, KERN HCB-A01, **€ 33,–**

STANDARD

CAL EXT · UNIT · IP 65 [2] · INOX [2] · MOVE · BATT · 1 DAY · 2 YEARS WARRANTY

OPTION

DAkkS +3 DAYS

Model KERN	Weighing range [Max] kg	Readout [d] kg	LCD display, digit height mm	Dimensions housing WxDxH mm	Height with snap link and hook mm	Net weight approx. kg	**Price** excl. of VAT ex works **€**	Option **DAkkS Calibr. Certificate** DKD KERN	€
HCB 20K10	20	10	12	80x45x150	290	0,4	**105,–**	963-128H	88,–
HCB 50K20	50	20	12	80x45x150	290	0,4	**115,–**	963-128H	88,–
HCB 50K100	50	100	12	80x45x150	290	0,4	**90,–**	963-128H	88,–
HCB 99K50	99	50	12	80x45x150	290	0,4	**100,–**	963-129H	105–
HCB 100K200	100	200	12	80x45x150	290	0,4	**110,–**	963-129H	105,–
HCB 200K100	200	100	12	80x45x150	290	0,4	**110,–**	963-129H	105,–
HCB 200K500	200	500	12	80x45x150	290	0,4	**99,–**	963-129H	105,–
HCB 0.5T-3	500	1000	12	82x42,5x152	–	0,35	**215,–** ↓	963-130H	165,–
HCB 1T-3	1000	2000	12	80x45x150	–	0,52	**275,–** ↓	963-130H	165,–
stainless steel									
HCN 50K100IP	50	100	12	95x55x175	315	0,8	**130,–**	963-128H	88,–
HCN 100K200IP	100	200	12	95x55x175	315	0,8	**130,–**	963-129H	105,–
HCN 200K500IP	200	500	12	95x55x175	315	0,8	**130,–**	963-129H	105,–

↓ Price reduction

Small pet scale KERN EMB





A



B

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 tray, removable
- For easy and hygienic cleaning
- Tare function facilitates formulation work
- Simple and convenient 2-key operation

Technical data

- LCD display, digit height 15 mm
- Dimensions of weighing plate:
  A Ø 82 mm
  B Ø 105 mm
  C Ø 150 mm, see larger picture
- Overall dimensions
  WxDxH 170 x 240 x 39 mm
- Batteries included,
  9V block respectively 2 x 1.5V AA
- Socket for mains adapter included
- Net weight approx. 0.5 kg

Accessories

- External universal mains adapter, with universal input and optional input socket adapters for EU, GB, USA, not included, can be reordered, KERN YKA-03, **€ 40,–**

STANDARD

CAL EXT · UNDER · BATT · 1 DAY · 2 YEARS WARRANTY

OPTION

MULTI · DAkkS +3 DAYS

Model KERN	Weighing range [Max] g	Readout [d] g	Weighing plate	Price excl. of VAT ex works €	Option DAkkS Calibr. Certificate DKD KERN	 €
EMB 200-3	200	0,001	A	**210,–**	963-127	72,–
EMB 200-2	200	0,01	B	**125,–**	963-127	72,–
EMB 600-2	600	0,01	B	**160,–**	963-127	72,–
EMB 2000-2	2000	0,01	C	**205,–**	963-127	72,–
EMB 500-1	500	0,1	C	**57,–**	963-127	72,–
EMB 1200-1	1200	0,1	C	**80,–**	963-127	72,–
EMB 6000-1	6000	0,1	C	**160,–**	963-128	88,–
EMB 2200-0	2200	1	C	**60,–**	963-127	72,–
EMB 5.2K1	5200	1	C	**60,–**	963-128	88,–
EMB 5.2K5	5200	5	C	**55,–**	963-128	88,–



KERN FOB-NS



KERN FOB-N

Compact stainless steel scales with high-level protection against dust and water splashes

	KERN FOB-NS	KERN FOB-N
Features	• Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean • High mobility: thanks to compact, flat construction, it is suitable for use in several locations, secure and non-slip positioning through rubber feet • Your support in an HACCP-compliant quality system	
	• IP65: Protected against dust and water splashes (only when using battery) • Ready for use: battery 9 V Block standard, operating time up to 24 h • Particularly flat design	• IP67: Protected against dust and water splashes (only when using battery) • Ready for use: battery 4 x 1.5 V AA standard, operating time up to 66 h without backlight
Technical data	• Large LCD display, digit height 20 mm • Overall dimensions WxDxH 170x150x40 mm • Permissible ambient temperature 10 °C/35 °C	• Large backlit LCD display, digit height 25 mm • Overall dimensions WxDxH 285x255x90 mm • Permissible ambient temperature 5 °C/35 °C
Accessories	• Protective working cover over keyboard and housing, standard, can be reordered, scope of delivery 5 pcs., KERN FOB-A12S05, **€ 50,–** • Mains adapter external, not included, can be reordered, KERN FOB-A09, **€ 30,–**	• Protective working cover over keyboard and housing, standard, can be reordered, scope of delivery 5 pcs., KERN FOB-A13S05, **€ 50,–** • Mains adapter external, not included, can be reordered, KERN FOB-A01, **€ 35,–**

STANDARD



OPTION



STANDARD



OPTION



Model KERN	Weighing range [Max] kg	Readout [d] g	Net weight approx. kg	Weighing plate mm	**Price** excl. of VAT ex works €	Option **DAkkS Calibr. Certificate** DKD KERN	 €
FOB 0.5K-4NS	0,5	0,1	0,65	120x150	**110,–**	963-127	72,–
FOB 5K-3NS	5,1	1	0,65	120x150	**105,–**	963-127	72,–
FOB 7K-4NL	5 | 7,5	0,5 | 1	3,61	252x200	**245,–**	963-128	88,–
FOB 10K-3NL	8 | 15	1 | 2	3,61	252x200	**245,–**	963-128	88,–
FOB 30K-3NL	16 | 30	2 | 5	3,61	252x200	**245,–**	963-128	88,–

Veterinary scales KERN EOB · EOB-F · EOE

Compact veterinary scale for diverse applications – also with XL platform or wireless version





KERN **EOB**
Display device cable-connected to platform



KERN **EOB-F**
Wireless communication between the platform and display device

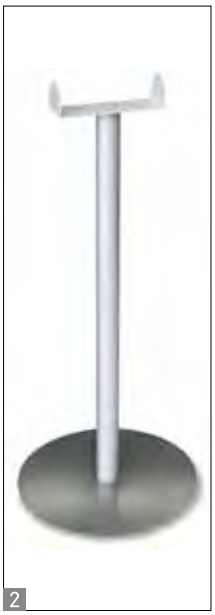


KERN **EOE**





1



2

Features

- Platform scale to weigh animals
- Removable stainless steel (EOB, EOB-F) respectively lacquered steel (EOE) weighing plate, which makes cleaning easy and hygienic
- Animal weighing program: When the animal moves during the weighing process, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- Wall mount for the display device
- Simple and convenient 4-key operation
- Integrated AUTO-OFF function to preserve the batteries

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x110x45 mm
- Battery operation possible, 6 x 1.5V AA, not included, operating time up to 60 h
- Mains adapter (external) included

Accessories

- 1 Stand to elevate display device (for models with weighing plate sizes 310x305 mm), height of stand approx. 450 mm, KERN EOB-A01N, **€ 80,–**
- 2 Stand, for all models EOB, EOB-F, EOE, height of stand approx. 950 mm, KERN MWS-A01, **€ 180,–**
- Sturdy transport case to protect and store the scale, only for models with weighing plate sizes 310x305 mm and without stand, KERN MPS-A07, **€ 115,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**

STANDARD



OPTION



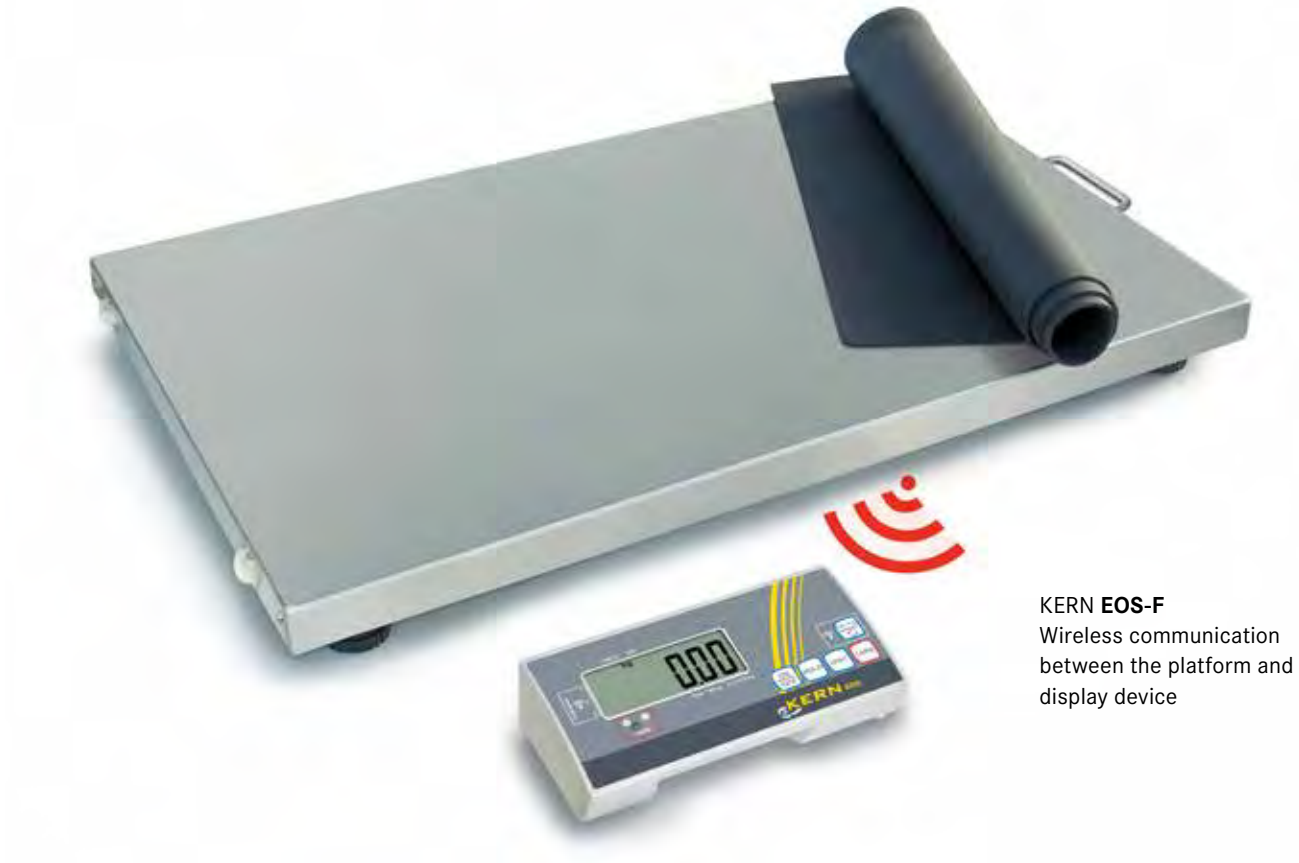
Model KERN	Weighing range [Max] kg	Readout [d] g	Weighing plate mm	Cable length approx. cm	Net weight approx. kg	**Price** excl. of VAT ex works **€**	Option **DAkkS Calibr. Certificate** DKD KERN	 €
EOB 15K5	15	5	315x305x65	180	4	**152,–**	963-128	88,–
EOB 35K10	35	10	315x305x65	180	4	**152,–**	963-128	88,–
EOB 60K20	60	20	315x305x65	180	4	**152,–**	963-129	105,–
EOB 60K20L	60	20	550x550x65	270	13,5	**350,–**	963-129	105,–
EOB 35K-2F	35	10	315x305x65	–	4,2	**205,–**	963-128	88,–
EOB 60K-2F	60	20	315x305x65	–	4,2	**205,–**	963-129	105,–
EOB 60K-2LF	60	20	550x550x65	–	13,5	**410,–**	963-129	105,–
EOB 150K-2F	150	50	315x305x65	–	4,2	**205,–**	963-129	105,–
EOB 150K-2LF	150	50	550x550x65	–	13,5	**415,–**	963-129	105,–
EOB 300K-1LF	300	100	550x550x65	–	13,5	**420,–**	963-129	105,–
EOE 150K50XL	150	50	945x505x65	270	19,5	**300,–** ↓	963-129	105,–
EOE 300K100XL	300	100	945x505x65	270	19,5	**300,–** ↓	963-129	105,–

↓ Price reduction

Veterinary scales KERN EOS · EOS-F

Affordable veterinary model that is suitable for stationary or mobile use – also available in a wireless version

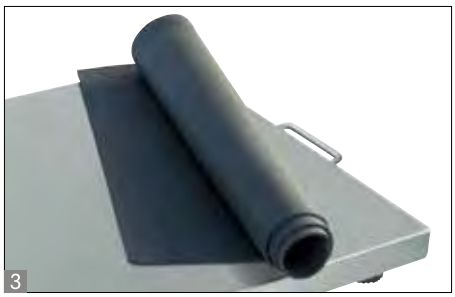




KERN **EOS-F**
Wireless communication between the platform and display device


1


2


3


KERN **EOS**

Features

- Robust platform scale to weigh large animals
- Weighing plate made out of stainless steel, for easy and hygienic cleaning
- The low platform height facilitates access
- Animal weighing program: When the animal moves during the weighing process, a stable average value is obtained by pressing the HOLD key. This value remains “frozen” until the HOLD key is pressed again. This leaves sufficient time to look after the small patients and then read the weight in peace
- Simple and convenient 4-key operation
- Integrated AUTO-OFF function to preserve the batteries, adjustable
- Non-slip rubber mat standard
- Wall mount for display device
- 1 The scale can be easily transported using 2 rollers and a handle and does not require much storage space

EOS-F

- Display device with integrated radio module for wireless communication with the weighing platform: ideal for weighing contaminated items, weighing in loud environments or where physical separation is necessary
- For networked operation: Ideal for larger veterinary practices. In this way up to 3 platforms can be read out centrally in different treatment rooms using one display device
- 2 Touchless tare function: just give it a wave. Never again will you need to operate the balance with dirty gloves

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x110x45 mm
- Dimensions of weighing plate stainless steel WxDxH 900x550x60 mm
- Battery operation possible, 6 x 1.5V AA, not included
- Mains adapter (external) included

Accessories

- 3 Non-slip rubber mat standard, WxD 900x550 mm, can be reordered, KERN EOS-A01, **€ 35,–**
- Stand to elevate display device, height of stand approx. 950 mm KERN MWS-A01, **€ 180,–**
- Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,–**

STANDARD



OPTION



Model KERN	Weighing range [Max] kg	Readout [d] kg	Cable length approx. cm	Net weight approx. kg	**Price** excl. of VAT ex works €	Option **DAkkS Calibr. Certificate** DKD KERN	 €
EOS 150K50XL	150	0,05	270	18,8	**410,–**	963-129	105,–
EOS 300K100XL	300	0,1	270	18,8	**410,–**	963-129	105,–
EOS 150K50XLF	150	0,05	–	22	**480,–**	963-129	105,–
EOS 300K100XLF	300	0,1	–	22	**480,–**	963-129	105,–





3

Stainless steel platform scale with stainless steel IP68 display and EC type approval [M]

Features

- Robust stainless steel platform scale to weigh animals
- 1 Scale entirely out of stainless steel with protection against dust and water splashes IP67, which makes cleaning easy and hygienic
- 2 Stainless steel display device with protection against dust and water splashes IP68. Suitable for the ever-increasing hygienic requirements in the medical environment. Wall mount for display device as standard
- Superior display size: digit height 55 mm. Bright backlight for easy reading of weight, even in poor lighting conditions
- Thanks to the RS-232, RS-485 and Bluetooth (optional) interfaces, the scale can easily be connected to existing networks. Data exchange between the scale and PC or printer is made easier

Technical data

- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions stainless steel WxDxH
  - A 300x240x86 mm
  - B 400x300x89 mm
  - C 500x400x135 mm
  - D 650x500x133.5 mm
- Dimensions of display device WxDxH 232x170x80 mm
- Cable length of display device approx. 2.5 m

Accessories

- Rechargeable battery pack internal, operating time up to 80 h, without backlight, charging time approx. 12 h, must be ordered at purchase, KERN GAB-A04, **€ 40,–**
- Data interface RS-232, interface cable included, approx. 1.5 m, must be ordered at purchase, KERN KXS-A04, **€ 40,–**
- Data interface RS-485, must be ordered at purchase, KERN KXS-A01, **€ 85,–**
- 3 Foot switches for easy taring on balances or to trigger the PRINT function with your foot – in this way both hands remain free, must be ordered at purchase, KERN KXS-A03, **€ 70,–**
- Bluetooth data interface for wireless data transfer to PC, must be ordered at purchase, KERN KXS-A02, **€ 110,–**

STANDARD: CAL EXT · GLP PRINTER · PCS · TOL · MOVE · IP 67 [1] · IP 68 [2] · INOX · 230 V · 1 DAY · 3 YEARS WARRANTY

OPTION: DAkkS +3 DAYS

FACTORY: RS 232 · RS 485 · BT · ACCU · M +3 DAYS

Model KERN	Measuring range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Mandatory by law Verification KERN	Mandatory by law Verification €	Option DAkkS Calibr. Certificate KERN	Option DAkkS Calibr. Certificate €
SXS 6K-3M	3 | 6	1 | 2	1 | 2	20 | 40	5,1	A	**690,–**	965-228	55,–	963-128	88,–
SXS 10K-3M	6 | 15	2 | 5	2 | 5	40 | 100	5,1	A	**690,–**	965-228	55,–	963-128	88,–
SXS 10K-3LM	6 | 15	2 | 5	2 | 5	40 | 100	11,8	B	**850,–**	965-228	55,–	963-128	88,–
SXS 30K-2M	15 | 30	5 | 10	5 | 10	100 | 200	11,8	B	**840,–**	965-228	55,–	963-128	88,–
SXS 30K-2LM	15 | 30	5 | 10	5 | 10	100 | 200	20,8	C	**1160,–**	965-228	55,–	963-128	88,–
SXS 60K-2M	30 | 60	10 | 20	10 | 20	200 | 400	11,8	B	**850,–**	965-229	93,–	963-129	105,–
SXS 60K-2LM	30 | 60	10 | 20	10 | 20	200 | 400	20,8	C	**1160,–**	965-229	93,–	963-129	105,–
SXS 100K-2M	60 | 150	20 | 50	20 | 50	400 | 1000	20,8	C	**1150,–**	965-229	93,–	963-129	105,–
SXS 100K-2LM	60 | 150	20 | 50	20 | 50	400 | 1000	36,5	D	**1380,–**	965-229	93,–	963-129	105,–
SXS 300K-2M	150 | 300	50 | 100	50 | 100	1000 | 2000	36,5	D	**1380,–**	965-229	93,–	963-129	105,–

Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d].

Legal notice

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, chair and bed scales, verified according to class). These scales are regulated by European Directive 2009/23/EC.

- 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 (for Germany: Medical Products Law [MPG])

Types of scales for medical applications that require mandatory verification:

APPROVED MEDICAL DEVICE

- Personal scales (incl. chair and wheelchair scales) in hospitals
- Baby scales and mechanical birth weight scales
- Bed scales
- Scales in dialysis units

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

The re-verification deadlines depend on the location of use and are given in the Verification Ordinance. The operating manual specifies the re-verification deadlines for Germany at the time of going to press. The operator of the scale is obliged to ensure that the verification stamps are not damaged and that the statutory re-verification deadlines are observed.

KERN & SOHN GmbH does not accept responsibility for this.

Scales not specifically intended as a medical device and without verification:

These scales do not have an approval according to Directive 93/42/EEC (or the German Medical Products Law). They are thus not permitted for use in medical applications. They are used for self-checks by the patient and are not verified.

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

PROFESSIONAL CARE

- 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: “Die Eichverwaltung informiert, Waagen in der Heilkunde” (Information from the Verification Office: Scales in medical applications) dated 19.04.2013)

HOME CARE

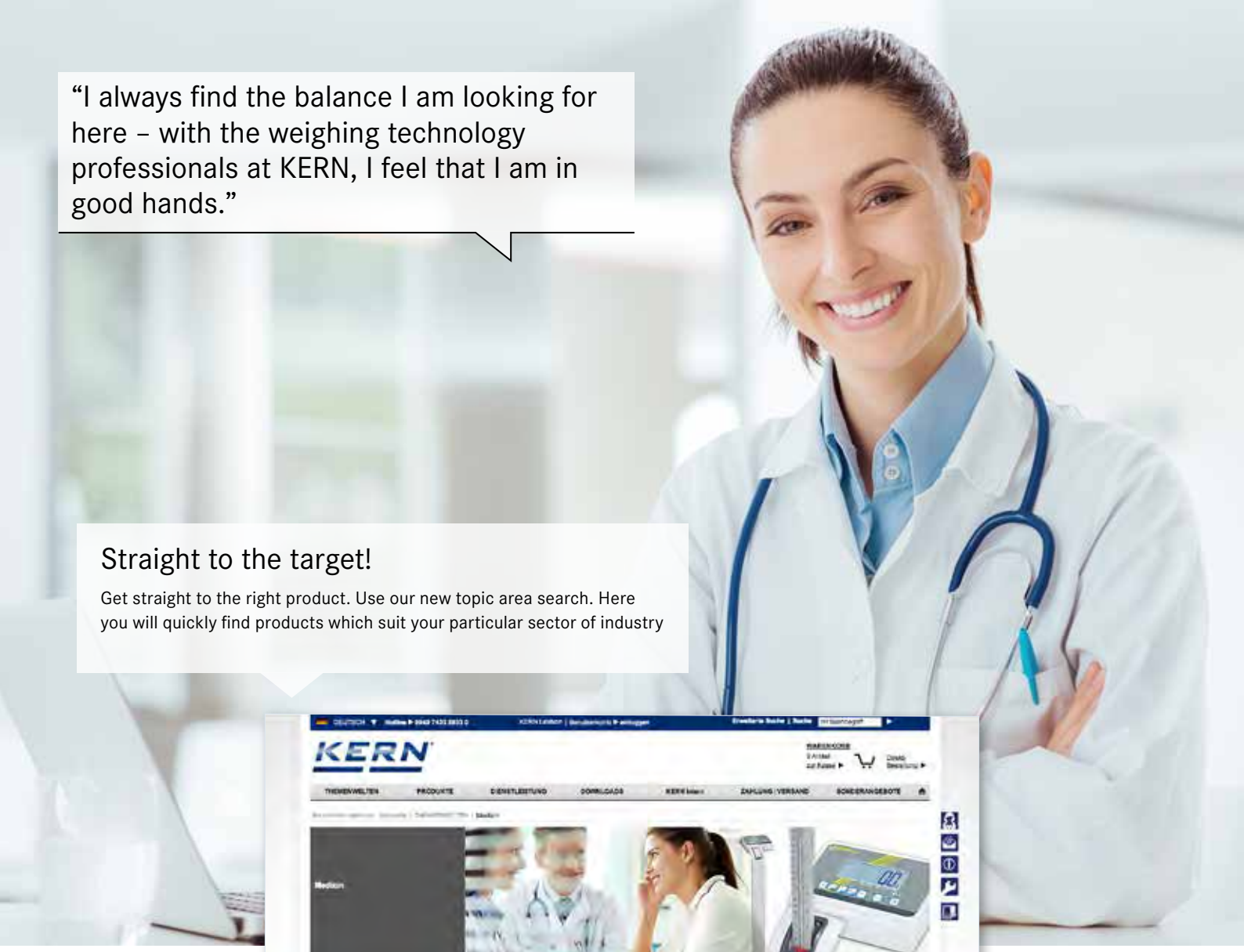
Non-verified scales are not permitted to be used in medical applications. They are used for self-monitoring of the health status. Examples of these include personal scales, body fat scales, etc. Such scales can be used to determine weight trends so that a doctor can be consulted in case of doubt. The patient is then weighed with verified scales at the medical practice to enable diagnosis.

Other information

Balances with an EC Type-Approval which have been distributed without verification, cannot be subsequently verified. Non verified balances are not acknowledged as a medical product in accordance to norm 93/42/EEC and therefore, may not be used in medical applications.

Gravitational force

Electronic balances are subject to location regulations due to the earth’s gravitational force. If the location of use is changed, the electronic balance must be re-verified and re-calibrated.



“I always find the balance I am looking for here – with the weighing technology professionals at KERN, I feel that I am in good hands.”

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Professional weighing technology, which meets the special requirements regarding resilience, hygiene and reliability in the daily routine in clinics

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