

## MEDICAL SCALES 2014

for clinics, doctors' surgeries, care facilities and vets

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- QM system [DIN EN ISO 9001:2008]
- Initial verification by the manufacturer [2009/23/EC]
- Medical [DIN EN ISO 13485 and 93/42/EEC]

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from 8:00 am to 6:00 pm



#### [www.kern-sohn.com](http://www.kern-sohn.com)

For product specification sheets, user manuals, useful information, technical glossary, pictures and much more as well as a smart search engine for test weights and balances

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GB

# 2014

## Medical products advisers

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## KERN Pictograms



**Internal adjusting (CAL):** Quick setting of the balance's accuracy with internal adjusting weight (motordriven).



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



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



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



**GLP/ISO record keeping:** of weighing data with date, time and identification-no. Only with printers from KERN.



**Recipe level A:** Separate memory for the weight of the tare container and the recipe ingredients (net total).



**Percentage determination:** Determining the deviation in % from the target value (100 %).



**Weighing units:** Can be switched to e. g. nonmetric units at the touch of a key. See balance model. Please refer to KERN's website for more details.



**Weighing with tolerance range:** Upper and lower limiting can be programmed individually, e. g. dosing/sorting and portioning



**Vibration-free weighing:** Vibrations are filtered out so that a stable weight is obtained.



**Animal weighing program:** Vibrations are filtered out so that a stable weight is obtained.



**Spray and dust protection IPxx:** The type of protection is shown by the pictogram. For details see the glossary.



**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.



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



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



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



**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.



**Switch / Analog Output**

## 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.

### 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.

### Promptness

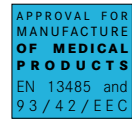
The right product, at the right time, in the right place – that is our strength. With our sophisticated internal logistics system we can make sure your order is ready for delivery within 24 hours (plus calibration time if applicable). So you can react quickly to your customers' requirements and requests.

### 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 2013]

## High quality and reliable services for our customers. KERN – Professional Weighing.



### KERN on the spot promise of warranty

Our products are manufactured according to the latest quality standards. If your balance turns out not to work perfectly during the warranty period, we will send you, if you are in the European Union, a new balance as a temporary replacement for the duration of repairs so that you can continue to work without delays and your patients need not miss the service they are accustomed to. It goes without saying that we will then organise the exchange of balances for you after the repairs have been carried out.

## Retailer information

### Sales conditions

· All prices are valid as of January 1st 2014 until a new version of the KERN catalogue is released. In Europe, all price 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.

· 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 custom processes, such as, for example, special orders or test services such as, for example, calibration, verification, etc.

· Warranty: 3 years.  
2 years for products with list price ≤ € 400.00  
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.

### After-Sales-Service

· Repair services within 1 week at our plant in Balingen, transportation costs are additional.

· 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).

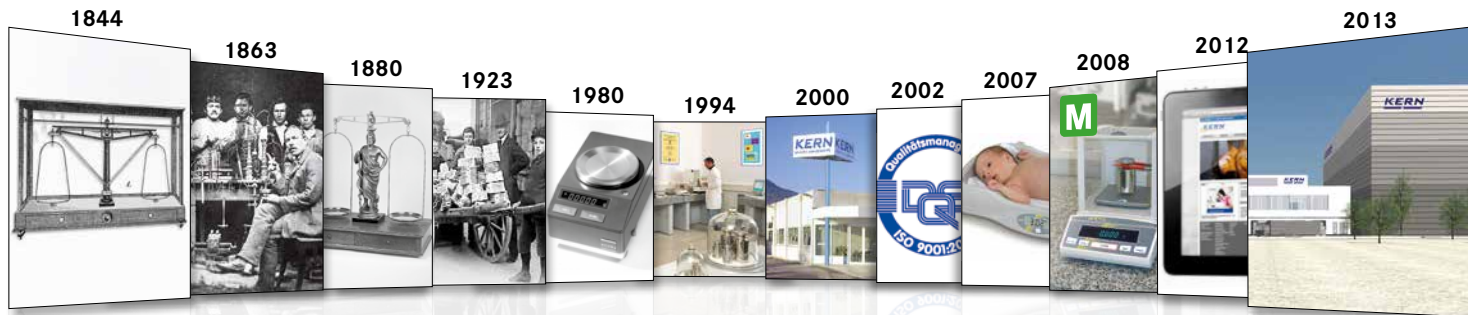
· This catalogue and branch prospectuses are available free of charge. A neutral version of the catalogue, without the KERN address imprint, is also available for your marketing activities free of charge (200 pcs.), larger quantities on request. On demand, your company logo and address can be printed on the back of the KERN catalogue free of charge (200 pcs.), larger quantities on request. In this way you have your own individual marketing tool. The KERN catalogue branch prospectuses are available in the following languages: DE, GB, FR, IT, ES, NL.

### DKD Certificate

· Upon request, you will receive a DKD calibration certificate (DKD = German Calibration Service), 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 more than – 170 years of KERN

Independent and family-run, KERN is already in its 6th generation and is synonymous with quality and reliability in customer service.



► **1844** KERN is founded – precision balances are produced ► **1863** A proud Gottlieb Kern with his staff ► **1880** Pharmaceutical balance with Aesculap ► **1923** Inflation – KERN wages are paid with self printed currency ► **1980** The electronic balance ousts mechanical devices ► **1994** Accredited for weights DKD laboratory (ISO 17025) ► **2000** New premises in Balingen ► **2002** Existing QM system certification in accordance to DIN EN ISO 9001:2000 standards ► **2007** Approval for the Manufacture of Medical Products (DIN EN13485 and 93/42/EEC) ► **2008** Approval for manufacturer's initial calibration (2009/23/EC) ► **2009** Approval for the manufacture and sale of height rods (DIN EN 13485 and 93/42/EEC) ► **2012** Verification point for non-automatic balances and test weights ► **2012** New customer portal [www.kern-sohn.com](http://www.kern-sohn.com) goes live ► **2013** Starting construction of Ziegelei 2.0 with computer-controlled high-bay warehouse

|                                  |  |   |
|----------------------------------|--|---|
| <b>Height rods</b>               |  |   |
| ■                                | MS...                                  | Height rods ..... 04                                    |
| <b>Baby scales</b>               |  |   |
| ■ ■                              | MBB                                    | Baby scale..... 06                                      |
| ■ ■                              | MBC                                    | Baby scale..... 08                                      |
|                                  | MBE                                    | Baby scale..... 10                                      |
| <b>Personal scales</b>           |  |   |
| ■ ■                              | MPE                                    | Personal scale..... 12                                  |
| ■ ■                              | MPS                                    | Personal scale..... 14                                  |
|                                  | MPB                                    | Personal scale..... 16                                  |
| ■ ■                              | MPC                                    | Personal scale..... 18                                  |
| ■ ■                              | MPD                                    | Personal scale..... 20                                  |
| <b>Obesity scales</b>            |  |   |
| ■ ■                              | MPT                                    | Obesity scale ..... 22                                  |
| ■ ■                              | MXS                                    | Obesity scale ..... 24                                  |
| <b>Bathroom scale</b>            |  |   |
|                                  | MGB                                    | Bathroom scale ..... 26                                 |
| <b>Body fat scale</b>            |  |   |
|                                  | MFB                                    | Body fat scale ..... 28                                 |
| <b>Wheelchair platform scale</b> |  |   |
| ■ ■                              | MWS                                    | Wheelchair platform scale/multi-function scale ..... 30 |
| <b>Handrail scale</b>            |  |   |
| ■ ■                              | MTS                                    | Handrail scale ..... 32                                 |
| <b>Chair scales</b>              |  |   |
| ■ ■                              | MCB                                    | Chair scale ..... 34                                    |
| ■ ■                              | MCC                                    | Chair scale ..... 36                                    |
| <b>Organ scale</b>               |  |   |
| ■                                | FFN-N                                  | Organ scale..... 38                                     |
| <b>Dynanometers</b>              |  |   |
|                                  | MAP                                    | Hand grip dynamometer ..... 40                          |
|                                  | FH · FK                                | Dynamometers for medical applications..... 42           |
| <b>Pharmacy balances</b>         |  |   |
| ■                                | ABJ · EG · KBJ                         | Pharmacy balances ..... 44                              |
| <b>Veterinary scales</b>         |  |   |
|                                  | EMB                                    | Small pet scale..... 48                                 |
|                                  | EOB · EOB-F · EOE                      | Veterinary scales..... 50                               |
|                                  | EOS · EOS-F                            | Veterinary scales..... 52                               |
|                                  | HCB · HCN                              | Hanging scales..... 54                                  |
| <b>Annex</b>                     |  |   |
|                                  | Legal notice/Retailer information..... | 57-59   |

■ 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 **MSF 200**



KERN **MSB 80**



KERN **MSC 100**



**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
- Large guide surfaces make handling easier (aligning, shifting, reading)
- **1** 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,-**

**KERN MSC 100 Portable mechanical height rod***Features*

- Approved as a medical device according to 93/42/EEC
- **2** 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)
- Foldable stop
- Readout on scale with moveable stop
- Sturdy aluminum profile
- **3** Stop can be folded for compact storage
- Overall dimensions max. WxDxH 1040x290x55 mm
- Net weight approx. 0.8 kg
- **KERN MSC 100, € 100,-**

**KERN MSF 200 Mechanical height rod***Features*

- Approved as a medical device according to 93/42/EEC
- **4** For mounting on KERN scales MPS-PM (page 14), MPB-P (page 16) MTS-M (page 32) or **5** wall-mounted
- Measuring range 60 – 200 cm (23½ – 78¾ inch); increments of 1 mm (1/16 inch)
- **6** Readout on scale with moveable, foldable stop
- Sturdy aluminum profile
- Overall dimensions max. WxDxH 60x330x1630 mm
- Net weight approx. 0.7 kg
- **KERN MSF 200, € 95,-**



STANDARD



# Baby scale **KERN MBB**

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
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless babies
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed. This leaves sufficient time to look after the small patient and then read the weight in peace
- **2** Wall mount for the 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

- **3** Carrying case for mobile use, **KERN MBB-A02, € 65,-**
- **4** Stand to elevate display device, height of stand approx. 450 mm, **KERN EOB-A01, € 60,-**
- Protective working cover over the display device, **KERN EOB-A02, € 25,-**
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08, € 40,-**

#### STANDARD



#### OPTION



#### FACTORY



**5** 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<br>[Max]<br>kg | Readout<br>[d]<br>kg | Verification<br>value<br>[e]<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Mandatory by law<br>Verification |      | Option<br>DKD Calibr. Certificate |      |
|-------------------|-------------------------------|----------------------|------------------------------------|--|----------------------------------|------|-----------------------------------|------|
|                   |                               |                      |                                    |  | KERN                             | €    | DKD KERN                          | €    |
| <b>MBB 15K2DM</b> | 6   15                        | 0,002   0,005        | 0,005                              | <b>390,-</b>                           | 965-128                          | 26,- | 963-128                           | 88,- |

# 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







### 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
- **3** Robust ABS plastic. For easy and hygienic cleaning
- Secure and non-slip positioning with rubber feet
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless babies
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ for 10 sec. until the HOLD key is pressed. This leaves sufficient time to read the weight in peace

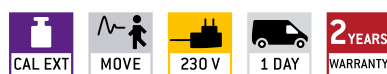
### Technical data

- 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 890x470x175mm
- 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, € 95,-**
- **4** Carrying case for mobile use, only for models without height rod, **KERN MBC-A02, € 45,-**
- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, **KERN MBC-A03, € 50,-**

#### STANDARD



#### OPTION



#### FACTORY



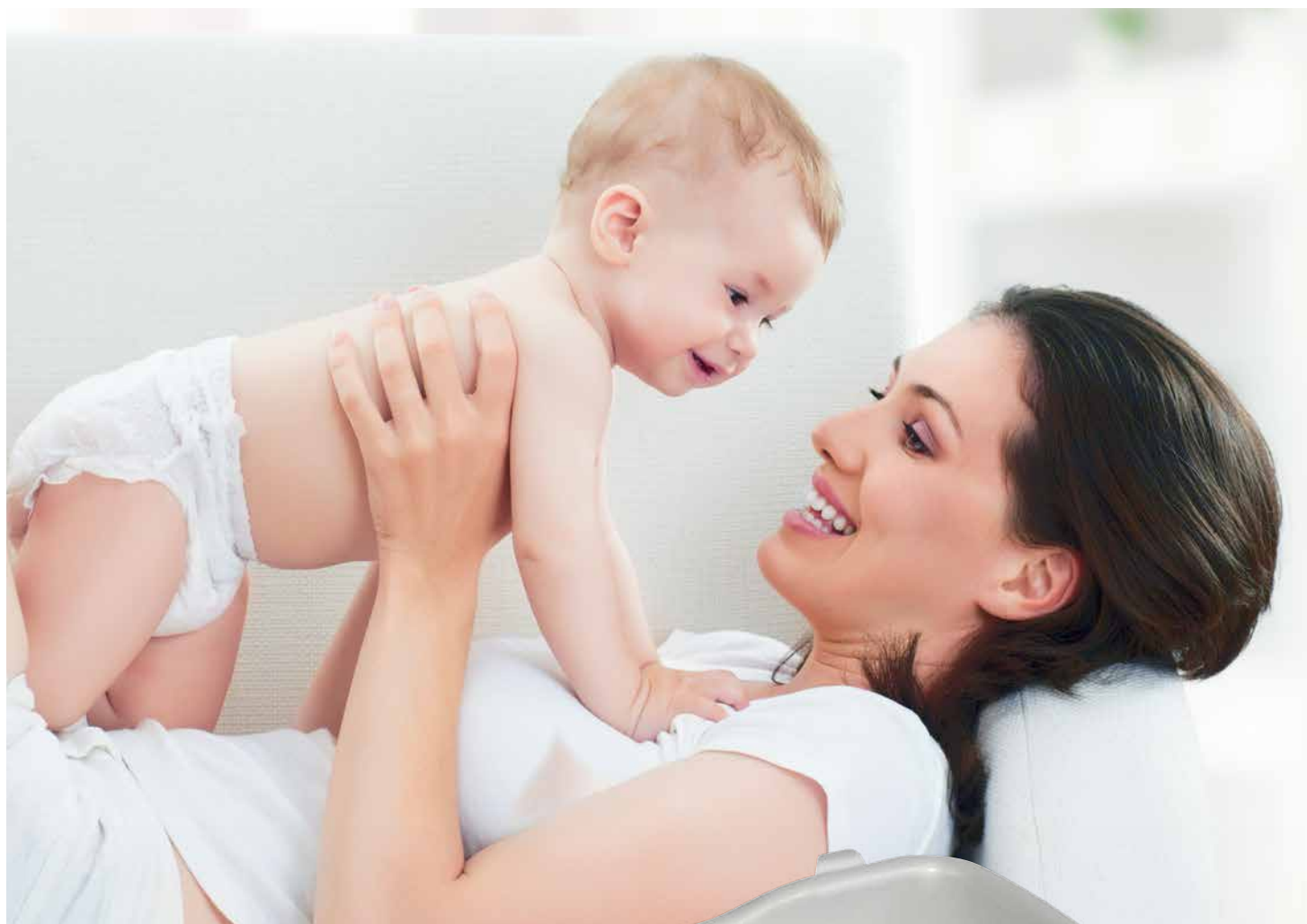
**5**

**5** 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<br>[Max]<br>kg | Readout<br>[d]<br>kg | Verification<br>value<br>[e]<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Mandatory by law<br>Verification |      | Option<br>DKD Calibr. Certificate |      |
|-------------------|-------------------------------|----------------------|------------------------------------|--|----------------------------------|------|-----------------------------------|------|
|                   |                               |                      |                                    |  | M III<br>KERN                    | €    | DKD<br>KERN                       | €    |
| <b>KERN</b>       |                               |                      |                                    |  |                                  |      |                                   |      |
| <b>MBC 15K2DM</b> | 6   15                        | 0,002   0,005        | 0,002   0,005                      | <b>250,-</b>                           | 965-128                          | 26,- | 963-128                           | 88,- |
| <b>MBC 20K10M</b> | 20                            | 0,01                 | 0,01                               | <b>250,-</b>                           | 965-128                          | 26,- | 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 sufficient 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

STANDARD



MOVE



BATT



1 DAY



2 YEARS  
WARRANTY

OPTION



DKD  
+3 DAYS

| Model     | Weighing range | Readout   | Price<br>excl. of VAT<br>ex works<br>€ | Option                  |      |
|-----------|----------------|-----------|--|-------------------------|------|
|           |                |           |  | DKD Calibr. Certificate |      |
| KERN      | [Max]<br>kg    | [d]<br>kg |  | DKD<br>KERN             | €    |
| MBE 20K10 | 20             | 0,01      | 115,-                                  | 963-128                 | 88,- |

# Personal scale **KERN MPE**

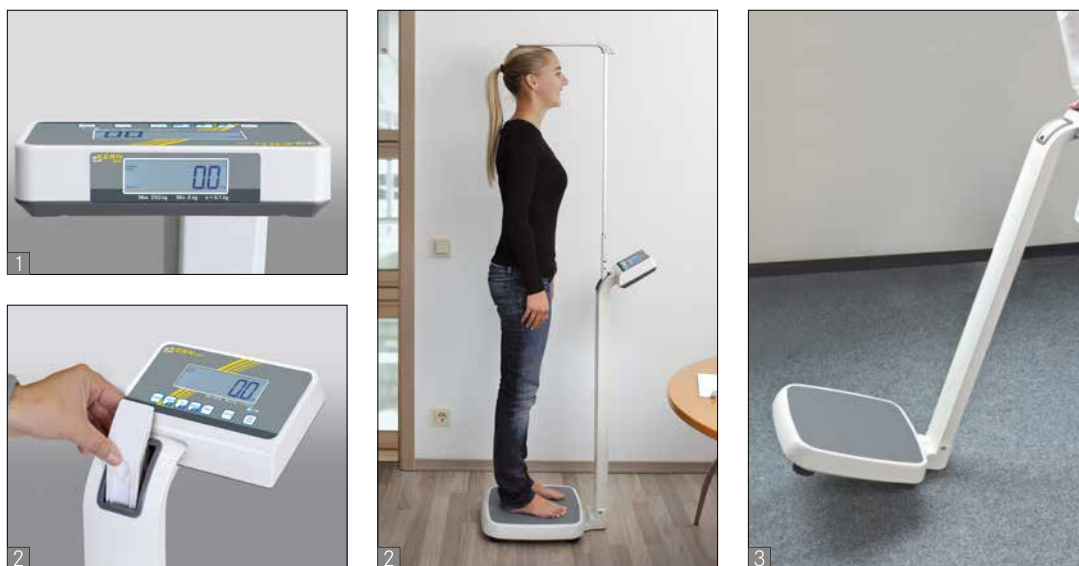
Professional personal floor scale with BMI function – approved as a medical device  
and with EC type approval class III for professional use in medical diagnostics



**KERN MPE-PM**  
with stand

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





### 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 for a secure footing
- For easy and hygienic cleaning
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ for 10 sec. until the HOLD key is pressed. This leaves sufficient time to read the weight 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 normal weight/surplus weight
- High resolution readout: Readout [d] for 5 sec. increased by one decimal place at the touch of a key
- **3** Two wheels for easy transportation of the scale

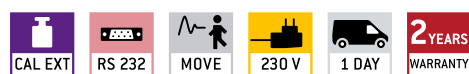
### Technical data

- 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
- Mains adapter (external) included
- Data interface RS-232 standard
- Net weight approx. 12 kg

### Accessories

- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, **KERN MBC-A03, € 50,-**
- Interface cable RS-232 to connect an external device, **KERN CFS-A01, € 46,-**

#### STANDARD



#### OPTION



#### FACTORY



- 4** 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<br>[Max]<br>kg | Readout<br>[d]<br>kg | Verification<br>value<br>[e]<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Mandatory by law<br>Verification |      | Option<br>DKD Calibr. Certificate |       |
|----------------------|-------------------------------|----------------------|------------------------------------|--|----------------------------------|------|-----------------------------------|-------|
|                      |                               |                      |                                    |  | KERN                             | €    | DKD KERN                          | €     |
| <b>MPE 250K100PM</b> | 250                           | 0,1                  | 0,1                                | <b>350,-</b>                           | 965-129                          | 51,- | 963-129                           | 105,- |
| <b>MPE 250K100HM</b> | 250                           | 0,1                  | 0,1                                | <b>395,-</b>                           | 965-129                          | 51,- | 963-129                           | 105,- |

# Personal scale **KERN MPS**

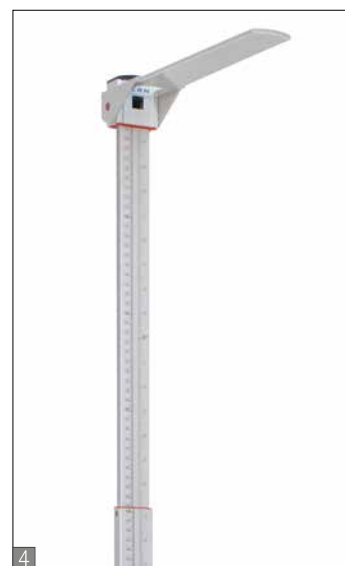
Professional personal floor scale with BMI function – approved as a medical device  
and with EC type approval class III for professional use in medical diagnostics



**KERN MPS-PM**  
with stand



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



### 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. Level indicator to level the balance precisely
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed. This leaves sufficient time to look after the patient and then read the weight in peace
- BMI function to determine normal weight/surplus weight
- **2** Wall mount for the 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, € 105,-**
- **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, **KERN MSF 200, € 95,-**
- Interface cable RS-232 to connect an external device, **KERN MPS-A08, € 46,-**
- Protective working cover over the display device, **KERN EOB-A02, € 25,-**
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08, € 40,-**

#### STANDARD



#### OPTION



#### FACTORY



**5** 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 |      | Option                  |       |
|----------------------|----------------|-----------|--------------------|-------------------------------|------------------|------|-------------------------|-------|
|                      |                |           |                    |                               | Verification     |      | DKD Calibr. Certificate |       |
| KERN                 | [Max]<br>kg    | [d]<br>kg | [e]<br>kg          |                               |                  | €    |                         | €     |
| <b>MPS 200K100M</b>  | 200            | 0,1       | 0,1                | <b>350,-</b>                  | 965-129          | 51,- | 963-129                 | 105,- |
| <b>MPS 200K100PM</b> | 200            | 0,1       | 0,1                | <b>390,-</b>                  | 965-129          | 51,- | 963-129                 | 105,- |



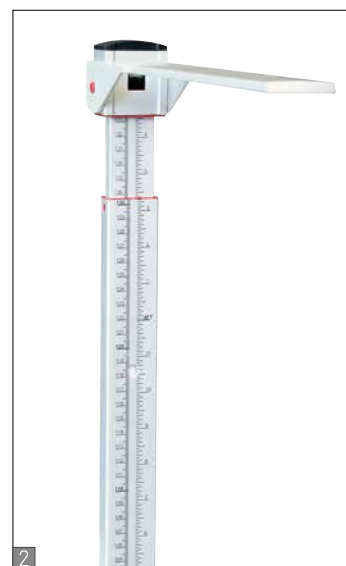
# Personal scale **KERN MPB**

Personal floor scale with BMI function



**KERN MPB-P**  
with stand

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



### 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
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed. This leaves sufficient time to look after the patient and then read the weight in peace
- Simple and convenient 4-key operation
- BMI function to determine normal weight/surplus weight
- Wall mount for the display device, only for models without a stand
- Battery- or mains-powered

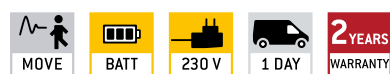
### Technical data

- 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, € 105,-**
- **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, or wall-mounted, **KERN MSF 200, € 95,-**
- Protective working cover over the display device, **KERN EOB-A02, € 25,-**

#### STANDARD



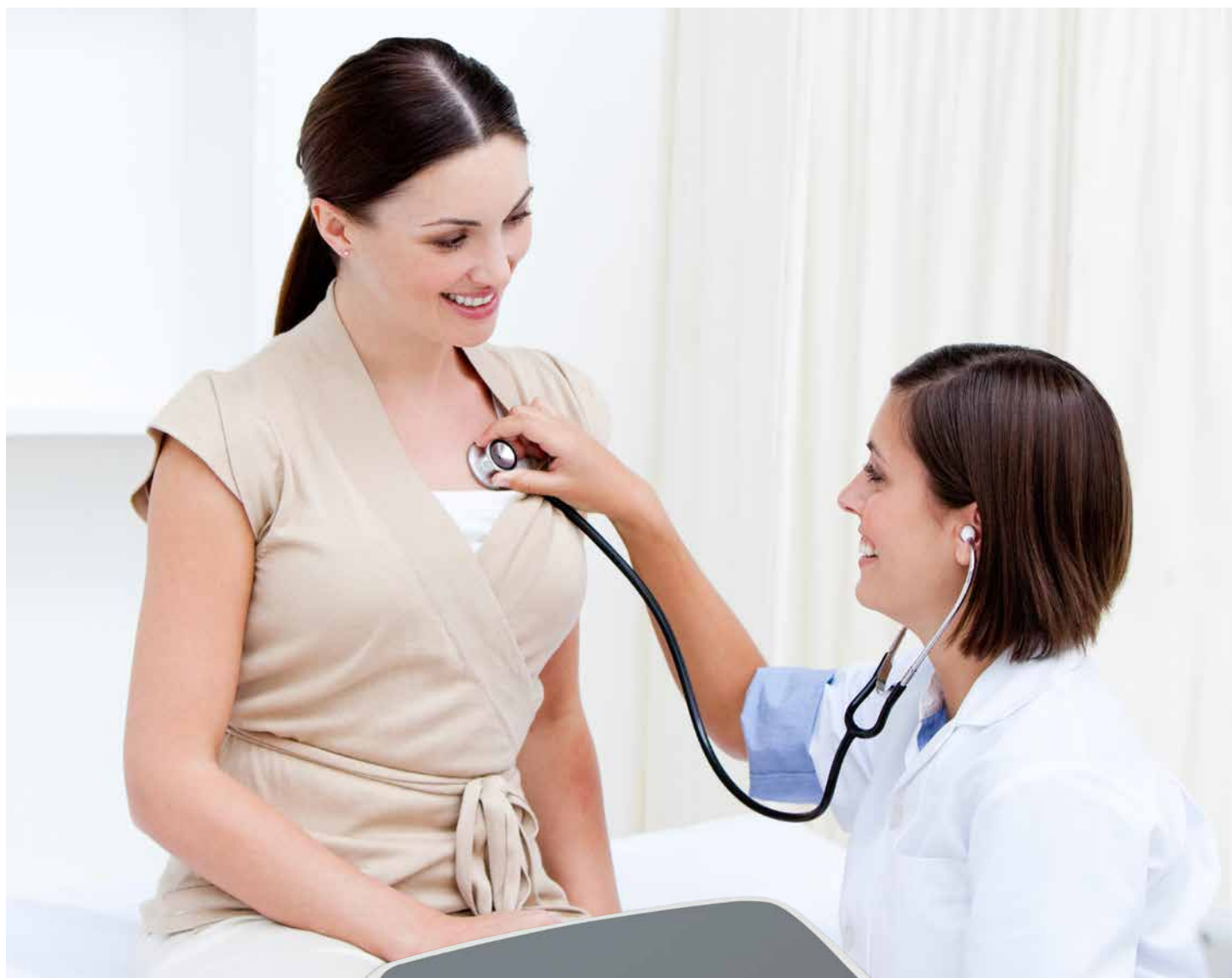
#### OPTION



| Model               | Weighing range<br>[Max]<br>kg | Readout<br>[d]<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Option<br>DKD Calibr. Certificate |       |
|---------------------|-------------------------------|----------------------|--|-----------------------------------|-------|
|                     |                               |                      |  | DKD<br>KERN                       | €     |
| <b>KERN</b>         |                               |                      |  |                                   |       |
| <b>MPB 300K100</b>  | 300                           | 0,1                  | <b>190,-</b>                           | 963-129                           | 105,- |
| <b>MPB 300K100P</b> | 300                           | 0,1                  | <b>255,-</b>                           | 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







### 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 for a secure footing
- High resolution readout: Readout [d] for 5 sec. increased by one decimal place at the touch of a key
- BMI function to determine normal weight/surplus weight
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ for 10 sec. until the HOLD key is pressed. This leaves sufficient time to read the weight 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

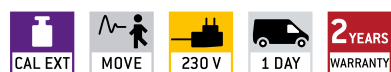
### Technical data

- 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
- Mains adapter (external) included
- Net weight approx. 10 kg

### Accessories

- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, **KERN MBC-A03, € 50,-**

#### STANDARD



#### OPTION



#### FACTORY



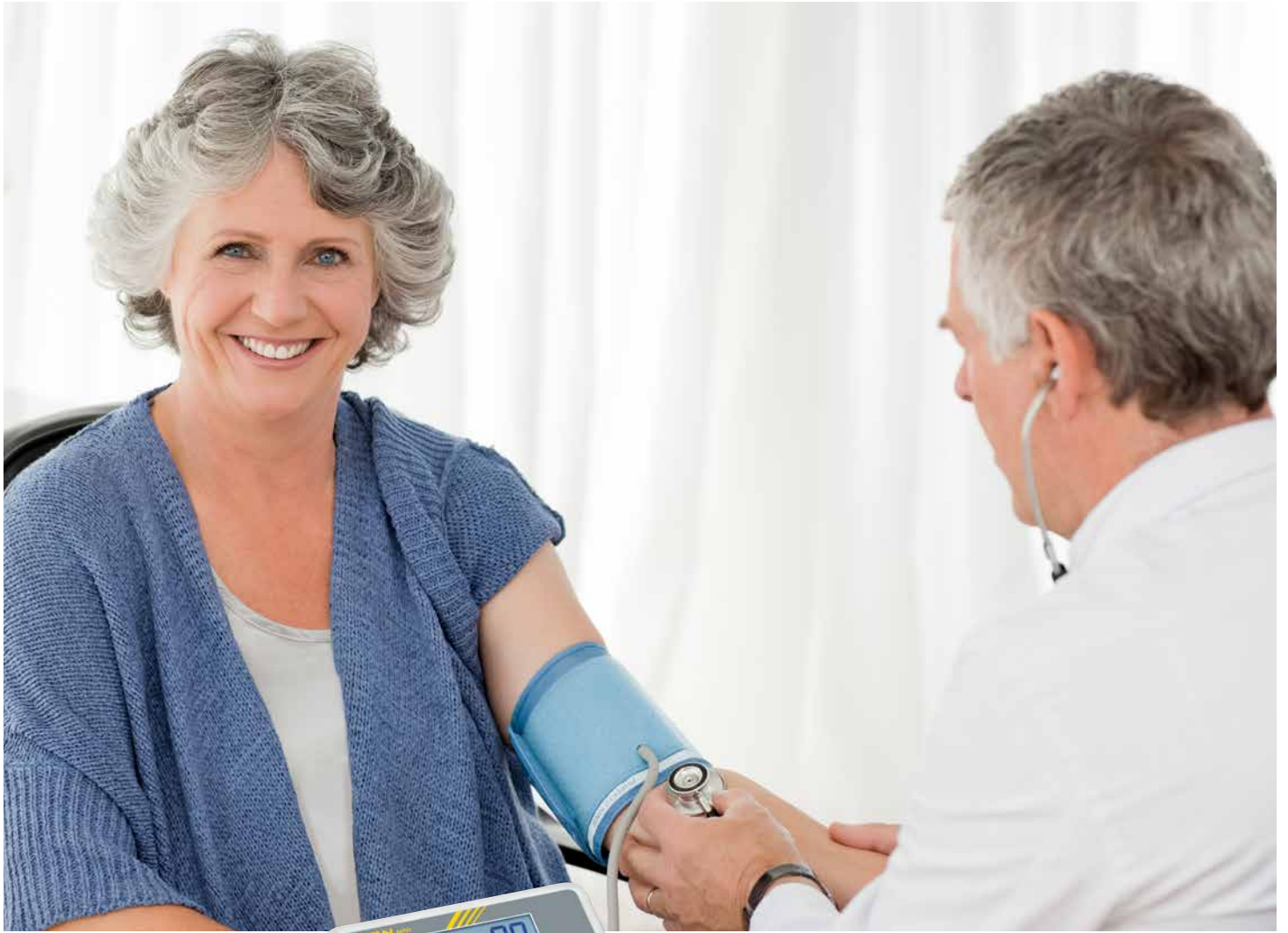
**4**

**4** 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 |      | Option                  |       |
|---------------------|----------------|-----------|--------------------|-------------------------------|------------------|------|-------------------------|-------|
|                     |                |           |                    |                               | Verification     |      | DKD Calibr. Certificate |       |
| KERN                | [Max]<br>kg    | [d]<br>kg | [e]<br>kg          |                               | KERN             | €    | DKD KERN                | €     |
| <b>MPC 250K100M</b> | 250            | 0,1       | 0,1                | <b>270,-</b>                  | 965-129          | 51,- | 963-129                 | 105,- |

# Step-on personal floor scale **KERN MPD**

Professional step-on personal floor scale approved as a medical device





### 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 for a secure footing

### Technical data

- Backlit LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 365x360x80 mm
- Dimensions of display device WxDxH 200x128x55 mm
- Mains adapter (external) included
- Net weight approx. 10 kg

### Accessories

- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, **KERN MBC-A03, € 50,-**

#### STANDARD



#### OPTION



#### FACTORY



**3**

**3** 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 |      | Option                  |       |
|---------------------|----------------|-----------|--------------------|-------------------------------|------------------|------|-------------------------|-------|
|                     |                |           |                    |                               | Verification     |      | DKD Calibr. Certificate |       |
| KERN                | [Max]<br>kg    | [d]<br>kg | [e]<br>kg          |                               | KERN             | €    | KERN                    | €     |
| <b>MPD 250K100M</b> | 250            | 0,1       | 0,1                | <b>240,-</b>                  | 965-129          | 51,- | 963-129                 | 105,- |



# Obesity scale **KERN MPT**

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
- **1** Large platform with non-slip and wear-resistant surface for a secure footing
- Secure and non-slip positioning with height-adjustable rubber feet. Level indicator to level the balance precisely
- Robust and compact design
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed. This leaves sufficient time to look after the patient and then read the weight in peace
- BMI function to determine normal weight/surplus weight
- **2** Wall mount for the display device
- **3** 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

- **4** Stand to elevate display device, height of stand approx. 950 mm, **KERN MWS-A01, € 150,-**
- Mechanical height rod, measuring range between 60 – 200 cm, for wall-mounting, **KERN MSF 200, € 95,-**
- Protective working cover over the display device, **KERN EOB-A02, € 25,-**
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h **KERN FOB-A08, € 40,-**

#### STANDARD



#### OPTION



#### FACTORY



**5** 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<br>[Max]<br>kg | Readout<br>[d]<br>kg | Verification<br>value<br>[e]<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Mandatory by law<br>Verification |      | Option<br>DKD Calibr. Certificate |       |
|---------------------|-------------------------------|----------------------|------------------------------------|--|----------------------------------|------|-----------------------------------|-------|
|                     |                               |                      |                                    |  | <b>KERN</b>                      | €    | <b>DKD</b>                        | €     |
| <b>MPT 300K100M</b> | 300                           | 0,1                  | 0,1                                | <b>590,-</b>                           | 965-129                          | 51,- | 963-129                           | 105,- |

# Obesity scale **KERN MXS**

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
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed. This leaves sufficient time to look after the patient and then read the weight in peace
- BMI function to determine 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
- **1** Wall mount for the display device
- Battery- or mains-powered

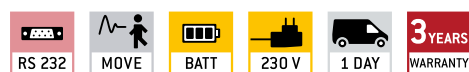
### Technical data

- 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

- **2** Stand to elevate display device, height of stand approx. 950 mm, **KERN MWS-A01, € 150,-**
- Mechanical height rod, measuring range between 60 – 200 cm, for wall-mounting, **KERN MSF 200, € 95,-**
- Interface cable RS-232 to connect an external device, **KERN MPS-A08, € 46,-**
- Protective working cover over the display device, **KERN EOB-A02, € 25,-**

#### STANDARD



#### OPTION



#### FACTORY



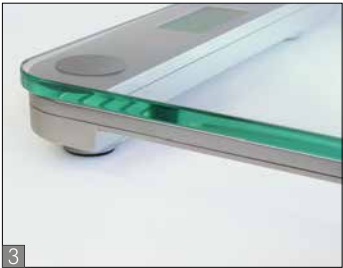
**3** Within the EU, official verification is mandatory by law for scales that are intended for use as a medical device. Please add this to your order. We require the location of use and the post code for the verification.

| Model               | Weighing range | Readout   | Verification value | Price excl. of VAT ex works € | Mandatory by law |      | Option                  |       |
|---------------------|----------------|-----------|--------------------|-------------------------------|------------------|------|-------------------------|-------|
|                     |                |           |                    |                               | Verification     |      | DKD Calibr. Certificate |       |
| KERN                | [Max]<br>kg    | [d]<br>kg | [e]<br>kg          |                               |                  | €    |                         | €     |
| <b>MXS 300K100M</b> | 300            | 0,1       | 0,1                | <b>980,-</b>                  | 965-129          | 51,- | 963-129                 | 105,- |

# Bathroom scale **KERN MGB**

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
  - **1** Low overall height for secure footing and space-saving storage
  - **2** Large high-contrast display that is easy to read
  - **3** Sturdy glass weighing plate
- Technical data*

  - LCD display, digit height 25 mm
  - Overall dimensions WxDxH 290x290x40 mm
  - Batteries included, 3V CR2032
  - Net weight approx. 2.1 kg

STANDARD



OPTION



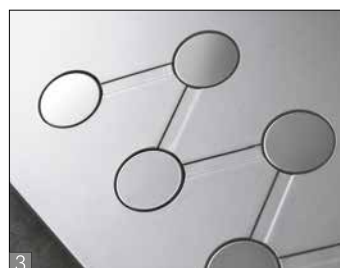
| Model               | Weighing range<br>[Max]<br>kg | Readout<br>[d]<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Option<br>DKD Calibr. Certificate |       |
|---------------------|-------------------------------|----------------------|--|-----------------------------------|-------|
|         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

# Body fat scale **KERN MFB**

Designer body fat scale for the health-conscious







### 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 access
- 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
- **1** Low overall height for secure footing and space-saving storage
- **2** Large high-contrast display that is easy to read
- **3** Stainless steel contact points

### Technical data

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

#### STANDARD



#### OPTION



| Model                             | Weighing range<br>[Max]<br>kg | Readout<br>[d]<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Option<br>DKD Calibr. Certificate |       |
|-----------------------------------|-------------------------------|----------------------|--|-----------------------------------|-------|
|                                   |                               |                      |  | DKD<br>KERN                       | €     |
| <b>KERN</b><br><b>MFB 150K100</b> | 150                           | 0,1                  | <b>75,-</b>                            | 963-129                           | 105,- |

# Wheelchair platform scale **KERN MWS**

Wheelchair platform scale with low overall height for easy access – 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
- 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 with non-slip and wear-resistant surface mean that it is also ideal for weighing obese patients
- Secure and non-slip positioning with height-adjustable rubber feet. Level indicator to level the balance precisely
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed. This leaves sufficient time to look after the patient and then read the weight in peace
- BMI function to determine normal weight/surplus weight
- **1 2** The scale can be easily transported using 2 rollers and a handle and does not require much storage space
- Battery- or mains-powered, rechargeable battery operation optional
- **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

### 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 70 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 supplies: 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, € 150,-**
- Interface cable RS-232 to connect an external device, **KERN MPS-A08, € 46,-**
- Protective working cover over the display device, **KERN EOB-A02, € 25,-**
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08, € 40,-**

#### STANDARD



#### OPTION



#### FACTORY



**5** 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 [Max] kg | Readout [d] kg | Verification value [e] kg | Weighing plate mm | Price excl. of VAT ex works € | Mandatory by law Verification |      | Option DKD Calibr. Certificate |       |
|----------------------|-------------------------|----------------|---------------------------|-------------------|-------------------------------|-------------------------------|------|--------------------------------|-------|
|                      |                         |                |                           |                   |                               | KERN                          | €    | DKD KERN                       | €     |
| <b>KERN</b>          |                         |                |                           |                   |                               |                               |      |                                |       |
| <b>MWS 300K100M</b>  | 300                     | 0,1            | 0,1                       | 900x740           | <b>1170,-</b>                 | 965-129                       | 51,- | 963-129                        | 105,- |
| <b>MWS 400K100DM</b> | 300   400               | 0,1   0,2      | 0,1   0,2                 | 1000x1000         | <b>1400,-</b>                 | 965-130                       | 83,- | 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
- Secure and non-slip positioning with height-adjustable rubber feet. Level indicator to level the balance precisely
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed. This leaves sufficient time to look after the patient and then read the weight in peace
- BMI function to determine 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, **KERN MSF 200, € 95,-**
- Interface cable RS-232 to connect an external device, **KERN MPS-A08, € 46,-**
- Protective working cover over the display device, **KERN EOB-A02, € 25,-**
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08, € 40,-**

#### STANDARD



#### OPTION



#### FACTORY



**4** 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 DKD Calibr. Certificate |       |
|--------------------------|----------------|---------|--------------------|-------------------------------|-------------------------------|------|--------------------------------|-------|
|                          |                |         |                    |                               | <b>M III</b> KERN             | €    | <b>DKD</b> KERN                | €     |
| <b>KERN MTS 300K100M</b> | 300 kg         | 0,1 kg  | 0,1 kg             | <b>1090,-</b>                 | 965-129                       | 51,- | 963-129                        | 105,- |

# Chair scale **KERN MCB**

Mobile chair scale with four wheels – 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
- **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
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed. This leaves sufficient time to look after the patient and then read the weight in peace
- BMI function to determine 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, € 35,-**
- Protective working cover over the display device, **KERN EOB-A02, € 25,-**
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08, € 40,-**

#### STANDARD



#### OPTION



#### FACTORY

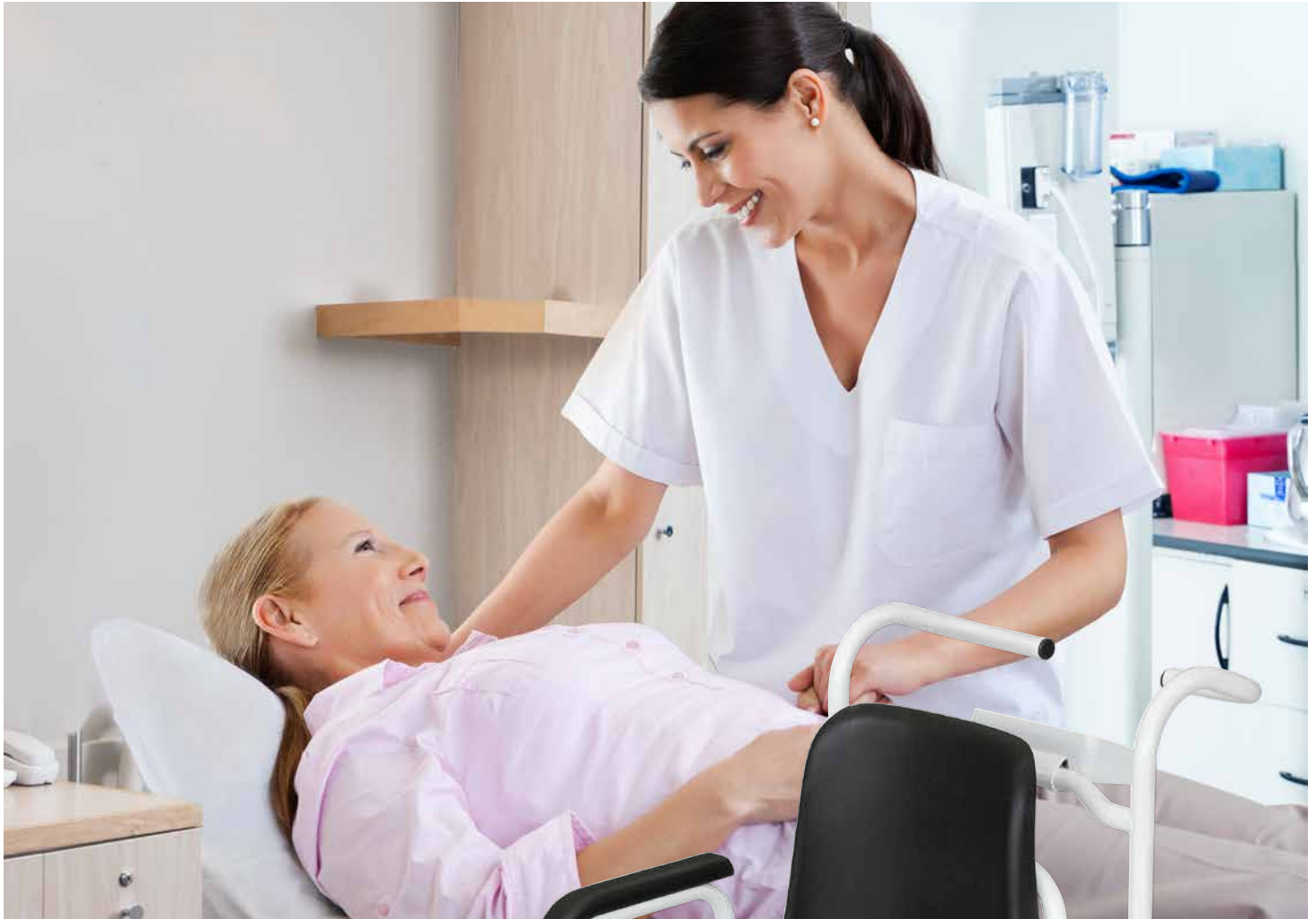


- 5** Within the EU, official verification is mandatory by law for scales that are intended for use as a medical device. Please add this to your order. We require the location of use and the post code for the verification.

| Model               | Weighing range | Readout   | Verification value | Price excl. of VAT ex works € | Mandatory by law Verification |      | Option DKD Calibr. Certificate |       |
|---------------------|----------------|-----------|--------------------|-------------------------------|-------------------------------|------|--------------------------------|-------|
|                     |                |           |                    |                               | KERN                          | €    | DKD KERN                       | €     |
| <b>KERN</b>         | [Max]<br>kg    | [d]<br>kg | [e]<br>kg          |                               |                               |      |                                |       |
| <b>MCB 300K100M</b> | 300            | 0,1       | 0,1                | <b>930,-</b>                  | 965-129                       | 51,- | 963-129                        | 105,- |

# Chair scale **KERN MCC**

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







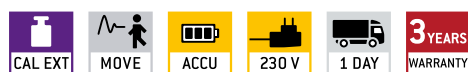
### Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Mobile version with particularly convenient locking brakes on all 4 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
- Ideally suited for use with dementia patients, because of the clearly contrasting black colour of the seating surface, footrests and armrest
- **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
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ for 10 sec. until the HOLD key is pressed. This leaves sufficient time to read the weight in peace
- High resolution readout: Readout [d] for 5 sec. increased by one decimal place at the touch of a key

### Technical data

- **1** Practical mains adapter pouch on the back of the chair as well as mains adapter (external) supplied as standard
- **4** Large backlit LCD display with digit height 25 mm
- Dimensions of display device WxDxH 200x128x55 mm
- Overall dimensions WxDxH 625x990x985 mm
- Rechargeable battery pack internal, standard, operating time up to 40 h without backlight, charging time approx. 12 h
- Net weight approx. 22 kg

#### STANDARD



#### OPTION



#### FACTORY

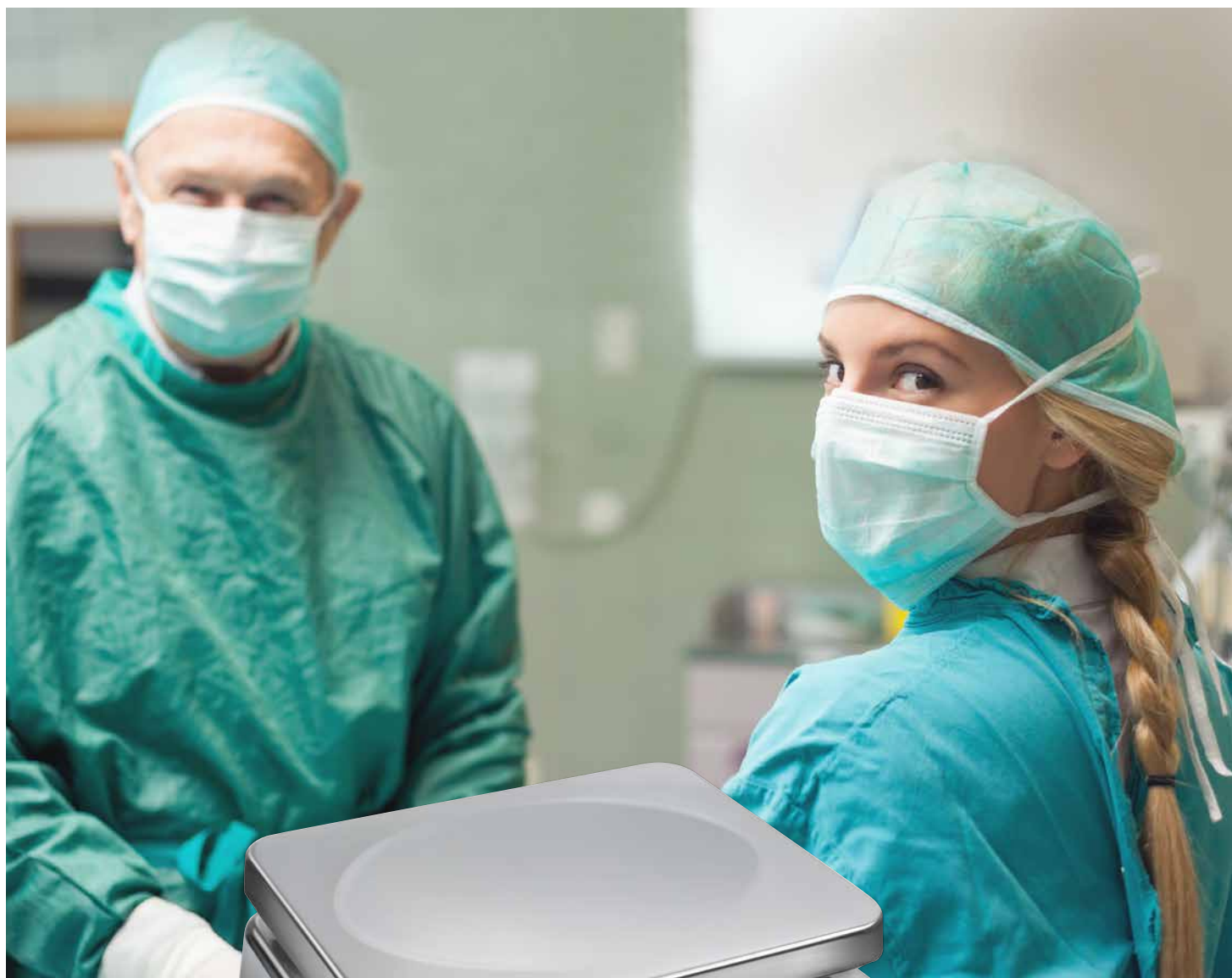


- 5** Within the EU, official verification is mandatory by law for scales that are intended for use as a medical device. Please add this to your order. We require the location of use and the post code for the verification.

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

# Organ scale **KERN FFN-N**

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



**NEW**



### Features

- Verification class III (only FFN-M)
- 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 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, € 50,-**

#### STANDARD





#### OPTION



#### FACTORY



| Model  | Weighing range<br>[Max]<br>kg | Readout<br>[d]<br>g | Verification value<br>[e]<br>g | Price<br>excl. of VAT<br>ex works<br>€ | Mandatory by law<br>Verification   |      | Option<br>DKD Calibr. Certificate  |      |
|--|-------------------------------|---------------------|--------------------------------|--|--|------|--|------|
|  |                               |                     |                                |  |  KERN | €    |  KERN | €    |
| <b>FFN 1K-4N</b>   | 1,5                           | 0,2                 | -                              | <b>260,-</b>                           | -  | -    | 963-127  | 72,- |
| <b>FFN 3K0.5IPN</b>  | 3                             | 0,5                 | -                              | <b>240,-</b>                           | -  | -    | 963-127  | 72,- |
| <b>FFN 6K1IPN</b>  | 6                             | 1                   | -                              | <b>240,-</b>                           | -  | -    | 963-128  | 88,- |
| <b>FFN 15K2IPN</b>   | 15                            | 2                   | -                              | <b>240,-</b>                           | -  | -    | 963-128  | 88,- |
| <b>FFN 25K5IPN</b>   | 25                            | 5                   | -                              | <b>240,-</b>                           | -  | -    | 963-128  | 88,- |
| <b>3</b> Within the EU, official verification is mandatory by law for scales that are intended for use as a medical device.<br>Please add this to your order. We require the location of use and the post code for the verification. |                               |                     |                                |  |  |      |  |      |
| <b>FFN 3K1IPM</b>  | 3                             | 1                   | 1                              | <b>260,-</b>                           | 965-227  | 55,- | 963-127  | 72,- |
| <b>FFN 6K2IPM</b>  | 6                             | 2                   | 2                              | <b>260,-</b>                           | 965-228  | 55,- | 963-128  | 88,- |
| <b>FFN 15K5IPM</b>   | 15                            | 5                   | 5                              | <b>260,-</b>                           | 965-228  | 55,- | 963-128  | 88,- |
| <b>FFN 25K10IPM</b>  | 25                            | 10                  | 10                             | <b>260,-</b>                           | 965-228  | 55,- | 963-128  | 88,- |

# Hand grip dynamometer **KERN MAP**

Force measurement for medical applications







### 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
- Weight displayed in kg or lb
- **1** MAP 80K1S: Special version for children: The small handle depth means that the handles can still be gripped ergonomically, particularly by the small hands of infants
- 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

- **2** 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
- **3** 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, CR2450, operating time up to 53 h
- Net weight approx. 0.3 kg

### STANDARD



| Model            | Weighing range | Readout   | Spring sets    | Overall dimensions<br>WxDxH | Price<br>excl. of VAT<br>ex works<br>€ | Option      |             |
|------------------|----------------|-----------|----------------|-----------------------------|--|-------------|-------------|
|                  |                |           |                |                             |  | ISO Calibr. | Certificate |
| KERN             | [Max]<br>kg    | [d]<br>kg | kg             | mm                          |  | ISO<br>KERN | €           |
| <b>MAP 80K1S</b> | 80             | 0,1       | 10, 20, 40, 80 | 55x88x212                   | <b>205,-</b>                           | 961-167     | 120,-       |
| <b>MAP 80K1</b>  | 80             | 0,1       | 20, 40, 80     | 55x102x212                  | <b>205,-</b>                           | 961-167     | 120,-       |
| <b>MAP 130K1</b> | 130            | 0,1       | 40, 80, 130    | 55x102x212                  | <b>205,-</b>                           | 961-167     | 120,-       |

# Digital dynanometers **SAUTER FK · FH**

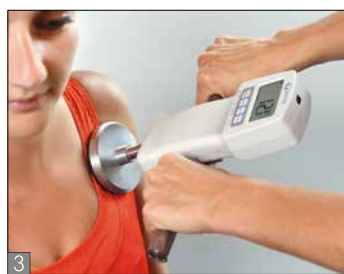
Force measurement for medical applications



SAUTER FH



SAUTER FK



### 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 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, **SAUTER AC 45, € 135,-**
- **2** AC 46: Flat square-shaped sensor for lateral power sensing of back, chest or arm, **SAUTER AC 46, € 90,-**
- **3** AC 47: Round sensor to measure particular muscle groups, such as, for example, the shoulder, **SAUTER AC 47, € 95,-**
- **4** Stainless steel handle with plastic coating for force measuring devices **SAUTER FK: AFK 02, € 55,-**  
**SAUTER FH: AFH 04, € 75,-**
- **5** Support for medical muscular strength measurement, suitable for dynamometers SAUTER FK, FH, **SAUTER AFH 21 € 275,-**

### STANDARD FK



### STANDARD FK



### OPT. FH



| Model        | Measuring range [Max] N | Readout [d] N | Price excl. of VAT ex works € |
|--------------|-------------------------|---------------|-------------------------------|
| SAUTER 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

|   |          |   |                               |
|---|----------|---|-------------------------------|
| + | Model    | Description                                 | Price excl. of VAT ex works € |
| + | 4 AFK 02 | Stainless steel handle bar with rubber grip | 55,-                          |
| + | 5 AFH 21 | Support                                     | 275,-                         |
| + | 4 AFH 04 | Stainless steel handle bar with rubber grip | 75,-                          |

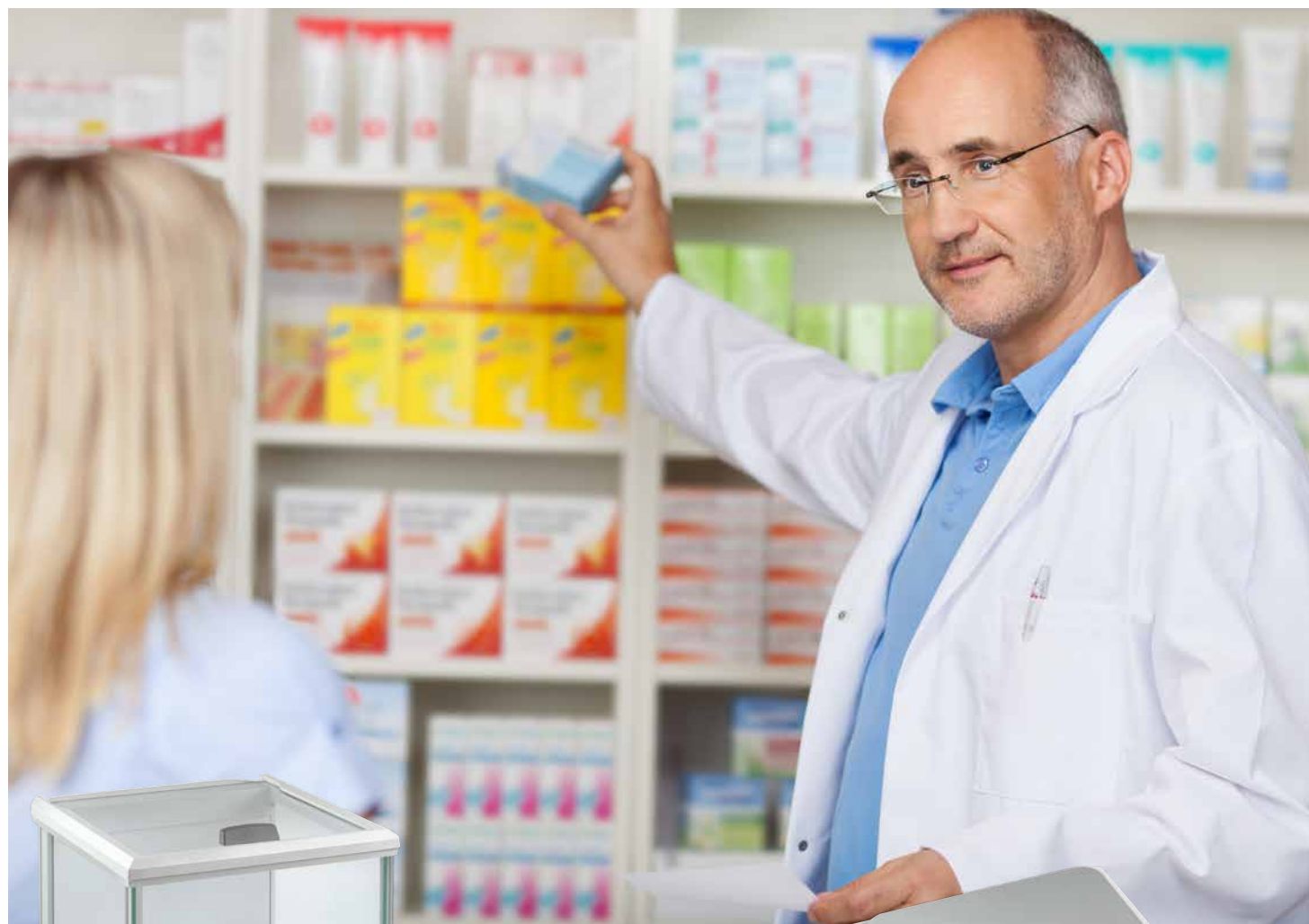


| Model        | Description   | Price excl. of VAT ex works € |
|--------------|---|-------------------------------|
| SAUTER AC 45 | Concave force sensor with optimised radius for measurement, particularly of arms and legs | 135,-                         |
| AC 46        | Flat square-shaped sensor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



# Pharmacy balances **KERN ABJ · EG · KBJ**

Highly-accurate precision balances for laboratories, hospitals and pharmacies



KERN ABJ



KERN KBJ



KERN EG



## Features

**Precision balance KERN KBJ**

- For the manufacture of pharmaceutical preparations, such as infusion solutions, ophthalmic medicinal products, ointments, etc.
- Verified according to class II
- Net-total weighing function
- Weighing with tolerance range, ideal for portion division, dispensing, grading
- GLP/ISO record keeping with optional printer **KERN YKS-01, € 390,-**
- Stainless steel weighing plate

## Technical data

- LCD display, digit height 9 mm
- Dimensions of weighing plate WxD 130x130 mm
- Overall dimensions WxDxH 165x230x80 mm
- Mains adapter included
- Net weight approx. 1.5 kg
- For more information visit [www.kern-sohn.com/en/KBJ](http://www.kern-sohn.com/en/KBJ)

## STANDARD



## OPTION

**Precision balance KERN EG**

- For the individual development of new medicinal products or types of medication such as tinctures, juices, capsules, creams, etc.
- Verified according to class II
- Internal adjusting weight
- GLP/ISO record keeping with optional printer **KERN YKS-01, € 390,-**
- Large stainless steel weighing plate

- LCD display, digit height 16 mm
- Dimensions of weighing plate max. WxD 180x160 mm
- Overall dimensions WxDxH 192x265x87 mm
- Mains adapter included
- Net weight approx. 3.7 kg
- For more information visit [www.kern-sohn.com/en/EW-N\\_EG-N](http://www.kern-sohn.com/en/EW-N_EG-N)

## STANDARD



## OPTION

**Analytical balance KERN ABJ**

- For the manufacture of pharmaceutical preparations, analysis, quality assurance, final checking, etc.
- Verified according to class I
- Internal, motor-driven adjusting weight
- High-precision weighing technology for the most accurate weighing results
- Large glass draught shield with 3 sliding doors for easy access to the items being weighed
- GLP/ISO record keeping with optional printer **KERN YKS-01, € 390,-**
- Stainless steel weighing plate

- LCD display, digit height 14 mm
- Dimensions of weighing plate ø 91 mm
- Overall dimensions WxDxH 210x340x325 mm
- Weighing space WxDxH 174x162x227 mm
- Mains adapter included
- Net weight approx. 6 kg
- For more information visit [www.kern-sohn.com/en/ABS-N\\_ABJ-NM](http://www.kern-sohn.com/en/ABS-N_ABJ-NM)

## STANDARD



## STANDARD



## OPTION



## FACTORY



1

1 Within the EU, official verification is mandatory by law for scales that are intended for use in commercial trade. Please add this to your order. We require the location of use and the post code for the verification.

| Model              | Weighing range [Max]<br>g | Readout [d]<br>g | Verification value [e]<br>g | Reproducibility<br>g | Linearity<br>g | Price excl. of VAT ex works<br>€ | Options alternative |       |                         |       |
|--------------------|---------------------------|------------------|-----------------------------|----------------------|----------------|----------------------------------|---------------------|-------|-------------------------|-------|
|                    |                           |                  |                             |                      |                |                                  | Verification        |       | DKD Calibr. Certificate |       |
|                    |                           |                  |                             |                      |                |                                  | KERN                | €     | KERN                    | €     |
| <b>KERN</b>        |                           |                  |                             |                      |                |                                  |                     |       |                         |       |
| <b>KBJ 650-2NM</b> | 650                       | 0,01             | 0,1                         | 0,01                 | ±0,003         | <b>520,-</b>                     | 965-216             | 66,-  | 963-127                 | 72,-  |
| <b>EG 620-3NM</b>  | 620                       | 0,001            | 0,01                        | 0,001                | ±0,004         | <b>930,-</b>                     | 965-201             | 110,- | 963-101                 | 138,- |
| <b>EG 2200-2NM</b> | 2200                      | 0,01             | 0,1                         | 0,01                 | ±0,01          | <b>800,-</b>                     | 965-216             | 66,-  | 963-127                 | 72,-  |
| <b>EG 4200-2NM</b> | 4200                      | 0,01             | 0,1                         | 0,01                 | ±0,02          | <b>880,-</b>                     | 965-216             | 66,-  | 963-127                 | 72,-  |
| <b>ABJ 80-4NM</b>  | 80                        | 0,0001           | 0,001                       | 0,0002               | ±0,0003        | <b>940,-</b>                     | 965-201             | 110,- | 963-101                 | 138,- |
| <b>ABJ 120-4NM</b> | 120                       | 0,0001           | 0,001                       | 0,0002               | ±0,0003        | <b>970,-</b>                     | 965-201             | 110,- | 963-101                 | 138,- |
| <b>ABJ 220-4NM</b> | 220                       | 0,0001           | 0,001                       | 0,0002               | ±0,0003        | <b>1090,-</b>                    | 965-201             | 110,- | 963-101                 | 138,- |

# VETERINARY SCALES

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



## KERN Veterinary scales

**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 hanging scales and crane scales for mobile animal weighing, right up to high-capacity floor scales for animals up to 300 kg, KERN's veterinary scale range offers a wide choice.

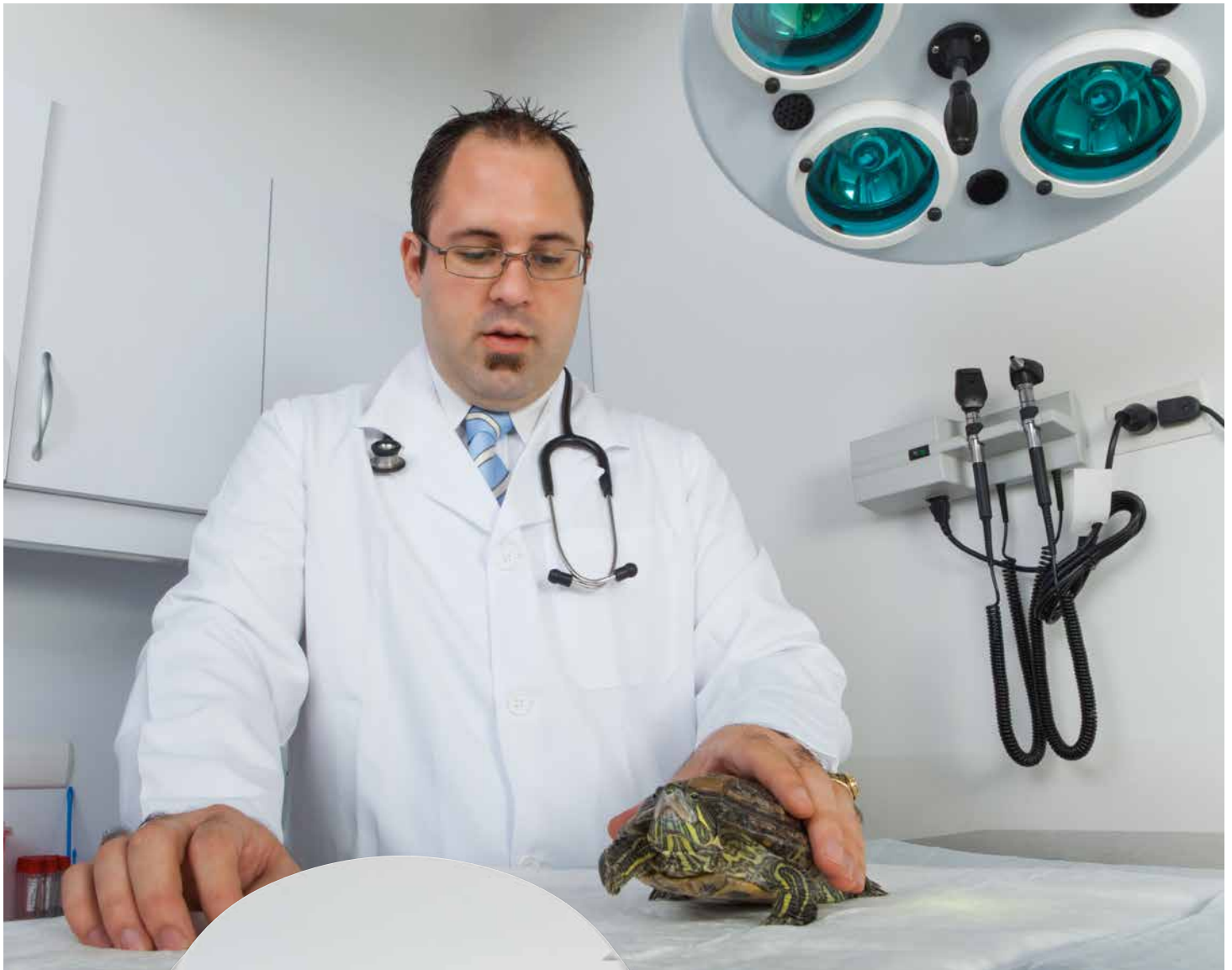
Many useful functions assist the vet, animal keeper or pet owner in their daily work with the animal. Thanks to a special animal weighing program, a steady weight will be displayed, even if the animal moves during the weighing process. You can use the practical HOLD function, which means that the weight 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!**

# Small pet scale **KERN EMB**

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 170x240x39 mm
- Batteries included, 9V block respectively 2 x 1.5V AA
- Socket for mains adapter included
- Net weight approx. 0.5 kg

### Accessories

- Mains adapter (external) not included, can be reordered,  
**KERN 440-902, € 25,-**

#### STANDARD



#### OPTION



| Model             | Weighing range<br>[Max]<br>g | Readout<br>[d]<br>g | Weighing plate | Price<br>excl. of VAT<br>ex works<br>€ | Option<br>DKD Calibr. Certificate |      |
|-------------------|------------------------------|---------------------|----------------|--|-----------------------------------|------|
|                   |                              |                     |                |  | DKD<br>KERN                       | €    |
| <b>KERN</b>       |                              |                     |                |  |                                   |      |
| <b>EMB 200-3</b>  | 200                          | 0,001               | <b>A</b>       | <b>205,-</b>                           | 963-127                           | 72,- |
| <b>EMB 200-2</b>  | 200                          | 0,01                | <b>B</b>       | <b>115,-</b>                           | 963-127                           | 72,- |
| <b>EMB 600-2</b>  | 600                          | 0,01                | <b>B</b>       | <b>155,-</b>                           | 963-127                           | 72,- |
| <b>EMB 2000-2</b> | 2000                         | 0,01                | <b>C</b>       | <b>200,-</b>                           | 963-127                           | 72,- |
| <b>EMB 500-1</b>  | 500                          | 0,1                 | <b>C</b>       | <b>55,-</b>                            | 963-127                           | 72,- |
| <b>EMB 1200-1</b> | 1200                         | 0,1                 | <b>C</b>       | <b>75,-</b>                            | 963-127                           | 72,- |
| <b>EMB 6000-1</b> | 6000                         | 0,1                 | <b>C</b>       | <b>150,-</b>                           | 963-128                           | 88,- |
| <b>EMB 2200-0</b> | 2200                         | 1                   | <b>C</b>       | <b>55,-</b>                            | 963-127                           | 72,- |
| <b>EMB 5.2K1</b>  | 5200                         | 1                   | <b>C</b>       | <b>55,-</b>                            | 963-128                           | 88,- |
| <b>EMB 5.2K5</b>  | 5200                         | 5                   | <b>C</b>       | <b>50,-</b>                            | 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**



### 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 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 four-legged friend and then read the weight 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 70 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, € 55,-**
- **2** Stand, for all models EOB, EOB-F, EOE, height of stand approx. 950 mm, **KERN MWS-A01, € 150,-**
- Sturdy transport case to protect and store the scale, only for models with weighing plate sizes 310x305 mm and without stand, **KERN MPS-A07, € 105,-**

#### STANDARD



#### OPTION

| Model                | Weighing range<br>[Max]<br>kg | Readout<br>[d]<br>g | Weighing plate<br>mm | Cable length<br>approx.<br>cm | Net weight<br>approx.<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Option<br>DKD Calibr. Certificate |       |
|----------------------|-------------------------------|---------------------|----------------------|-------------------------------|-----------------------------|--|-----------------------------------|-------|
|                      |                               |                     |                      |                               |                             |  | DKD<br>KERN                       | €     |
| <b>KERN</b>          |                               |                     |                      |                               |                             |  |                                   |       |
| <b>EOB 15K5</b>      | 15                            | 5                   | 315x305x65           | 180                           | 4                           | <b>135,-</b>                           | 963-128                           | 88,-  |
| <b>EOB 35K10</b>     | 35                            | 10                  | 315x305x65           | 180                           | 4                           | <b>135,-</b>                           | 963-128                           | 88,-  |
| <b>EOB 60K20</b>     | 60                            | 20                  | 315x305x65           | 180                           | 4                           | <b>135,-</b>                           | 963-129                           | 105,- |
| <b>EOB 60K20L</b>    | 60                            | 20                  | 550x550x65           | 270                           | 13,5                        | <b>340,-</b>                           | 963-129                           | 105,- |
| <b>EOB 35K-2F</b>    | 35                            | 10                  | 315x305x65           | -                             | 4,2                         | <b>200,-</b>                           | 963-128                           | 88,-  |
| <b>EOB 60K-2F</b>    | 60                            | 20                  | 315x305x65           | -                             | 4,2                         | <b>200,-</b>                           | 963-129                           | 105,- |
| <b>EOB 60K-2LF</b>   | 60                            | 50                  | 550x550x65           | -                             | 13,5                        | <b>390,-</b>                           | 963-129                           | 105,- |
| <b>EOB 150K-2F</b>   | 150                           | 50                  | 315x305x65           | -                             | 4,2                         | <b>200,-</b>                           | 963-129                           | 105,- |
| <b>EOB 150K-2LF</b>  | 150                           | 50                  | 550x550x65           | -                             | 13,5                        | <b>390,-</b>                           | 963-129                           | 105,- |
| <b>EOB 300K-1LF</b>  | 300                           | 100                 | 550x550x65           | -                             | 13,5                        | <b>390,-</b>                           | 963-129                           | 105,- |
| <b>EOE 150K50XL</b>  | 150                           | 50                  | 945x505x65           | 270                           | 19,5                        | <b>300,-</b>                           | 963-129                           | 105,- |
| <b>EOE 300K100XL</b> | 300                           | 100                 | 945x505x65           | 270                           | 19,5                        | <b>300,-</b>                           | 963-129                           | 105,- |



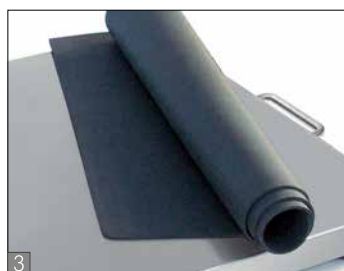
# Veterinary scale **KERN EOS · EOS-F**

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



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



**KERN EOS**

### Features

- Robust stainless steel platform scale to weigh large animals
- 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 four-legged friend 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 the 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 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, € 150,-**
- Protective working cover display device, standard, can be reordered, **KERN EOB-A02, € 25,-**

### STANDARD



### OPTION



| Model                 | Weighing range<br>[Max]<br>kg | Readout<br>[d]<br>kg | Cable length<br>approx.<br>cm | Net weight<br>approx.<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Option<br>DKD Calibr. Certificate |       |
|-----------------------|-------------------------------|----------------------|-------------------------------|-----------------------------|--|-----------------------------------|-------|
|                       |                               |                      |                               |                             |  | DKD<br>KERN                       | €     |
| <b>KERN</b>           |                               |                      |                               |                             |  |                                   |       |
| <b>EOS 150K50XL</b>   | 150                           | 0,05                 | 270                           | 18,8                        | <b>380,-</b>                           | 963-129                           | 105,- |
| <b>EOS 300K100XL</b>  | 300                           | 0,1                  | 270                           | 18,8                        | <b>380,-</b>                           | 963-129                           | 105,- |
| <b>EOS 150K50XLF</b>  | 150                           | 0,05                 | -                             | 22,0                        | <b>440,-</b>                           | 963-129                           | 105,- |
| <b>EOS 300K100XLF</b> | 300                           | 0,1                  | -                             | 22,0                        | <b>440,-</b>                           | 963-129                           | 105,- |

# Hanging scales **KERN HCB · HCN**

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



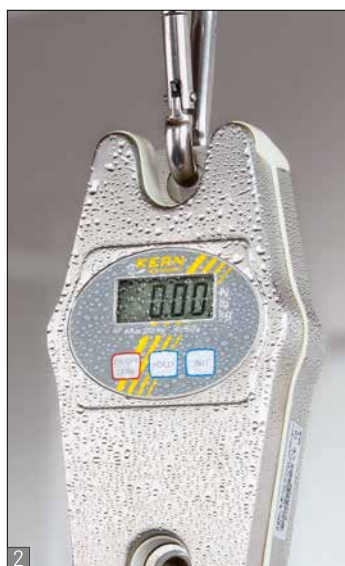
**KERN HCB**



**KERN HCB 0.5T-3**



**KERN HCN**  
Housing stainless steel, IP65:  
Protected against dust and  
water splashes



### 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 domestic animals
- 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
- Peak load display (peak hold), measuring frequency 5 Hz
- Large LCD display, digit height 12 mm

### 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

#### STANDARD



#### OPTION



### 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

#### Accessories for models with [Max] ≤ 200 kg

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

| Model           | Weighing range [Max]<br>kg | Readout<br>[d]<br>g | LCD display, digit height<br>mm | Dimensions housing WxDxH<br>mm | Height with snap link and hook<br>mm | Net weight approx.<br>kg | Price excl. of VAT ex works<br>€ | Option<br>DKD Calibr. Certificate |       |
|-----------------|----------------------------|---------------------|---------------------------------|--------------------------------|--------------------------------------|--------------------------|----------------------------------|-----------------------------------|-------|
|                 |                            |                     |                                 |                                |                                      |                          |                                  | DKD KERN                          | €     |
| <b>KERN</b>     |                            |                     |                                 |                                |                                      |                          |                                  |                                   |       |
| HCB 20K10       | 20                         | 10                  | 12                              | 80x45x150                      | 290                                  | 0,4                      | <b>105,-</b>                     | 963-128                           | 88,-  |
| HCB 20K50*      | 20                         | 50                  | 12                              | 80x45x150                      | 290                                  | 0,4                      | <b>85,-</b>                      | 963-128                           | 88,-  |
| HCB 50K20       | 50                         | 20                  | 12                              | 80x45x150                      | 290                                  | 0,4                      | <b>115,-</b>                     | 963-128                           | 88,-  |
| HCB 50K100      | 50                         | 100                 | 12                              | 80x45x150                      | 290                                  | 0,4                      | <b>90,-</b>                      | 963-128                           | 88,-  |
| HCB 99K50       | 99                         | 50                  | 12                              | 80x45x150                      | 290                                  | 0,4                      | <b>99,-</b>                      | 963-129                           | 105,- |
| HCB 100K200     | 100                        | 200                 | 12                              | 80x45x150                      | 290                                  | 0,4                      | <b>110,-</b>                     | 963-129                           | 105,- |
| HCB 200K100     | 200                        | 100                 | 12                              | 80x45x150                      | 290                                  | 0,4                      | <b>110,-</b>                     | 963-129                           | 105,- |
| HCB 200K500     | 200                        | 500                 | 12                              | 80x45x150                      | 290                                  | 0,4                      | <b>99,-</b>                      | 963-129                           | 105,- |
| HCB 0.5T-3      | 500                        | 1000                | 12                              | 84x42.5x152                    | -                                    | 0,35                     | <b>330,-</b>                     | 963-130                           | 165,- |
| HCB 1T-3        | 1000                       | 2000                | 12                              | 80x48x150                      | -                                    | 0,52                     | <b>590,-</b>                     | 963-130                           | 165,- |
| stainless steel |                            |                     |                                 |                                |                                      |                          |                                  |                                   |       |
| HCN 20K50IP     | 20                         | 50                  | 12                              | 95x55x175                      | 315                                  | 0,8                      | <b>110,-</b>                     | 963-128                           | 88,-  |
| HCN 50K100IP    | 50                         | 100                 | 12                              | 95x55x175                      | 315                                  | 0,8                      | <b>115,-</b>                     | 963-128                           | 88,-  |
| HCN 100K200IP   | 100                        | 200                 | 12                              | 95x55x175                      | 315                                  | 0,8                      | <b>120,-</b>                     | 963-129                           | 105,- |
| HCN 200K500IP   | 200                        | 500                 | 12                              | 95x55x175                      | 315                                  | 0,8                      | <b>115,-</b>                     | 963-129                           | 105,- |

**\* ONLY WHILE STOCKS LAST**

**New model**



"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."

## » Straight to the target!

Get straight to the right product. Use our new topic area search. Here you will quickly find products which suit your particular sector of industry



## » Hospital & Clinic

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

## » Veterinary medicine

For our large or small four-legged friends, stationary weighing in a veterinary practice or for mobile use on site – you will always find the right scale here

## » Doctors and healthcare

Long-lasting personal floor scales, which combine reliable weighing technology with aesthetic and functional design – of course approved for medical use!

## » Care and rehabilitation

Tailor-made products for patients who are sick or in need of care, in care facilities or at home

»»» [www.kern-sohn.com](http://www.kern-sohn.com)





# Legal provisions concerning medical products

## 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.