

MEDICINSKE TEHTNICE


za klinike, zdravstvene domove, zdravstveno oskrbo, veterino...





KERN – Professional measuring.


2013


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. For reference optimisation see the relevant model.
- 


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


Data interface: The type of interface is shown by the pictogram.
- 


Net-total weighing: weight of tare cup and weight of components memorized in two separate stores.
- 


Percentage determination: Displays the deviation from the reference weight (100 %) in % instead of grams.
- 


Weighing units: Can be switched to e. g. non-metric units at the touch of a key. See balance model.
- 


Weighing with tolerance range: (checkweighing, portion division, dispensing, grading): Programmable limit values with visual and acoustic signal.
- 


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: 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 and 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

A service as precise as our products

Quality

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 169 years.

Experience

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.

Conformity

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, November 2012]

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.



Notes

Tradition and innovation for more than 169 years

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

**Height rods**

page

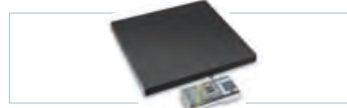
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KERN MSB · MSC · MSF

Mechanical height rods

When every centimeter counts – mechanical height rods approved as a medical device



KERN MSB 80



KERN MSC 100



KERN MSF 200



KERN MSB 80 Portable mechanical height rod

Features:

- For babies of up to 80 cm in length
- Approved as a medical device according to 93/42/EEC
- 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**



KERN MSC 100 Portable mechanical height rod

Features:

- **2** For infants up to a maximum of 100 cm in length
- Approved as a medical device according to 93/42/EEC
- 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**



KERN MSF 200 Mechanical height rod

Features:

- **4** For mounting on KERN scales MPS-PM (page 14), MPB-P (page 16), MTS-M (page 32) or **5** wall-mounted
- Approved as a medical device according to 93/42/EEC
- Measuring range 60 - 200 cm (23½ - 78¾ inch); increments of 1 mm (1/16 inch)
- **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**



STANDARD




KERN MBB Baby scale

All-purpose baby scale for mobile and stationary use - approved as a medical device



KERN MBB



**Features:**


- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Ergonomic tray
- 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 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" until the HOLD key is pressed. This leaves sufficient time to look after the small patient and then read the weight in peace
- Battery- or mains-powered, rechargeable battery operation optional
-  Wall mount for the display device

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, battery operation, 6 x 1.5V AA, not included, operating time approx. 120 h
- Mains adapter (external) included
- Net weight approx. 4 kg

Accessories:

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

 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.

STANDARD	OPTION		FACTORY
 MOVE	 BATT	 230 V	 1 DAY
 2 YEARS WARRANTY	 ACCU	 DKD	 M
		 +3 DAYS	 +3 DAYS



Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Mandatory by law Verification		Option DKD Calibr. Certificate	
				KERN		KERN	
MBB 15K2DM 	6 15	0,002 0,005	0,005	965-128		963-128	

KERN MBC Baby scale

Nicely shaped baby scale approved as a medical device





**Features:**


- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Ergonomic tray
-  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
-  Monitoring weight gain (feeding function): The baby's weight can be stored before nursing. Afterwards, the weight gain can be calculated at the touch of a button

Technical data:

- Backlit LCD display, digit height 25 mm
- Dimensions of tray WxDxH 600x280x55 mm
- Overall dimensions WxDxH 890x460x55 mm
- Rechargeable battery pack (internal) standard
- Operating time approx. 40 h without backlight, charging time approx. 12 h
- Mains adapter (external) included
- Net weight approx. 5,5 kg

Accessories:

-  Mechanical height rod to fix to the scale, measuring range 80 cm, increments of 1 mm, **KERN MBC-A01**
-  Carrying case for mobile use, without the measuring stick fitted, **KERN MBC-A02**
- Rechargeable battery pack internal, operating time approx. 40 h without backlight, charging time approx. 12 h, **KERN MBC-A03**

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STANDARD**OPTION****FACTORY**

Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Mandatory by law Verification		Option DKD Calibr. Certificate	
				KERN		KERN	
KERN							
MBC 15K2DM	6 15	0,002 0,005	0,002 0,005	965-128		963-128	
MBC 20K10M	20	0,01	0,01	965-128		963-128	



KERN MBE Baby scale

Affordable baby scale for an optimum start in life





Features:

-  Ergonomic tray with high side walls for the safe weighing of neonates
- Robust plastic tray
-  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 approx. 200 h
- Net weight approx. 2 kg

STANDARD

 MOVE

 BATT

 1 DAY

 2 YEARS WARRANTY

 DKD +3 DAYS

OPTION

Model	Weighing range	Readout	Option	
			DKD Calibr. Certificate	
KERN	[Max] kg	[d] kg	KERN	
MBE 20K10	20	0,01	963-128	

KERN MPE Personal floor scale

Professional personal floor scale with BMI function - approved as a medical device



KERN MPE-PM:
with stand

KERN MPE-HM:
with stand and
height rod

Features:

- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Rear-facing second display
- MPE-HM only: Extractable height rod integrated in the column, measuring range between 88-200 cm
- 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
- Large platform with non-slip and wear-resistant surface for a secure footing
- 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. 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

- 2 wheels for easy transportation of the scale
- High resolution readout: Read-out **d** for 5 sec. increased by one decimal place at the touch of a key

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 approx. 40 h without backlight, charging time approx. 12 h, **KERN MBC-A03**
- Interface cable RS 232 to connect an external device, **KERN CFS-A01**

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.

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg		Mandatory by law Verification		Option DKD Calibr. Certificate	
					KERN		KERN	
KERN								
MPE 250K100PM	250	0,1	0,1		965-129		963-129	
MPE 250K100HM	250	0,1	0,1		965-129		963-129	

KERN MPS Personal floor scale

Personal floor scale with BMI function - approved as a medical device



KERN MPS-PM
with stand



KERN MPS-M
with free-standing
display device

**Features:**

- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Sturdy steel weighing plate with a non-slip and wear-resistant surface
- 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 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
- Intuitive operation using a keypad, e. g.:
 - PRE-TARE function for 5 different weights
 - Input of height for BMI calculation etc.
- BMI function to determine normal weight/surplus weight
- Battery- or mains-powered, rechargeable battery operation optional
- Wall mount for the display device

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 approx. 57 h
- Mains adapter (external) included
- Data interface RS 232 standard
- MPS-M approx. 4,8 kg; MPS-PM approx. 6 kg

Accessories:

- Sturdy transport case to protect and store the scale, only for model without a stand, **KERN MPS-A07**
- Mechanical height rod, measuring range 60 - 200 cm, can be screwed onto the stand (MPS-PM), or wall-mounted, Approved as a medical device according to 93/42/EEC, **KERN MSF 200**
- Interface cable RS 232 to connect an external device, **KERN MPS-A08**
- Protective working cover over the display device, **KERN EOB-A02**
- Rechargeable battery pack internal, operating time approx. 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08**

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STANDARD**OPTION****FACTORY**

Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg		Mandatory by law Verification		Option DKD Calibr. Certificate	
					KERN		KERN	
MPS 200K100M	200	0,1	0,1		965-129		963-129	
MPS 200K100PM	200	0,1	0,1		965-129		963-129	

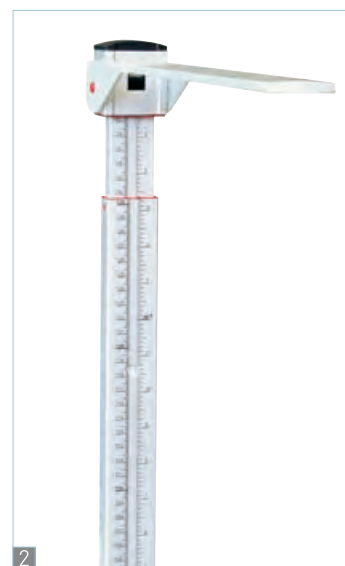
KERN MPB Personal floor scale

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
- Battery- or mains-powered
- Wall mount for the display device, only for models without a stand

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 approx. 170 h
- Mains adapter (external) included
- 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**
- **2** Mechanical height rod, measuring range 60 - 200 cm, can be screwed onto the stand (MPB-P) or wall-mounted, **KERN MSF 200**
- Protective working cover over the display device, **KERN EOB-A02**

STANDARD

OPTION



Model	Weighing range [Max] kg	Readout [d] kg	Option DKD Calibr. Certificate	
			KERN	
KERN				
MPB 300K100	300	0,1	963-129	
MPB 300K100P	300	0,1	963-129	

KERN MPC Personal floor scale

Professional personal floor scale approved as a medical device





Features:

- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- 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
- Large platform with non-slip and wear-resistant surface for a secure footing
- 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. This leaves sufficient time to read the weight in peace
- BMI function to determine normal weight/surplus weight
- 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 small children, as this way they can be cradled, safe and sound, in the arms of their mother while being weighed

- High resolution readout: Read-out **d** for 5 sec. increased by one decimal place at the touch of a key
- Flexible positioning of display device, e. g. free-standing or mounted to the wall. Wall mount for display device standard

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

Accessories:

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

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STANDARD



OPTION

FACTORY



Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Mandatory by law Verification		Option DKD Calibr. Certificate	
				KERN		KERN	
MPC 250K100M	250	0,1	0,1	965-129		963-129	

KERN MPD Step-on personal floor scale

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



*Features:*


- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Robust design for daily use in a professional environment
-  Easy to operate - the scale is switched on by a simple foot tap
- 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
-  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
- Overall dimensions WxDxH 365x495x120 mm
- Mains adapter (external) included
- Net weight approx. 10 kg

Accessories:

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

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STANDARD



OPTION



FACTORY




Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg		Mandatory by law Verification		Option DKD Calibr. Certificate	
					KERN		KERN	
KERN MPD 250K100M	250	0,1	0,1		965-129		963-129	

KERN MPT Adiposity scale

Compact personal floor scale with adiposity range - approved as a medical device



**Features:**

- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Robust and compact design
- 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
- Sturdy handle for easy transportation of the scale
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Dynamic weighing function that allows determination of a stable weighing value, ideal for restless patients. This leaves sufficient time to look after the patient and then read the weight in peace
- BMI function to determine normal weight/surplus weight
- 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
- Wall mount for the display device standard
- Ideally suited for hospitals, clinics and physicians' practices as well as for mobile use in home visits or at sports events

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 approx. 57 h
- Mains adapter (external) included
- Net weight approx. 8,5 kg

Accessories:

- Stand to elevate display device, height of stand approx. 950 mm, **KERN MWS-A01**
- Protective working cover over the display device, **KERN EOB-A02**
- Rechargeable battery pack internal, operating time approx. 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08**

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STANDARD**OPTION****FACTORY**


Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg		Mandatory by law Verification		Option DKD Calibr. Certificate	
					KERN		KERN	
KERN MPT 300K100M	300	0,1	0,1		965-129		963-129	

KERN MXS Adiposity scale

Adiposity scale for overweight patients - approved as a medical device




Features:


- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Sturdy steel weighing plate with a non-slip and wear-resistant surface
- For easy and hygienic cleaning
- Low platform height facilitates access or placement of a chair, etc.
- 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
- Intuitive operation using a keypad, e. g.:
 - PRE-TARE function for 5 different weights
 - Input of height for BMI calculation etc.
- BMI function to determine normal weight/surplus weight
-  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 approx. 70 h
- Mains adapter (external) included
- Net weight approx. 14,5 kg

Accessories:

-  Stand to elevate display device, height of stand approx. 950 mm, **KERN MWS-A01**
- Interface cable RS 232 to connect an external device, **KERN MPS-A08**
- Protective working cover over the display device, **KERN EOB-A02**

 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.

STANDARD

OPTION

FACTORY

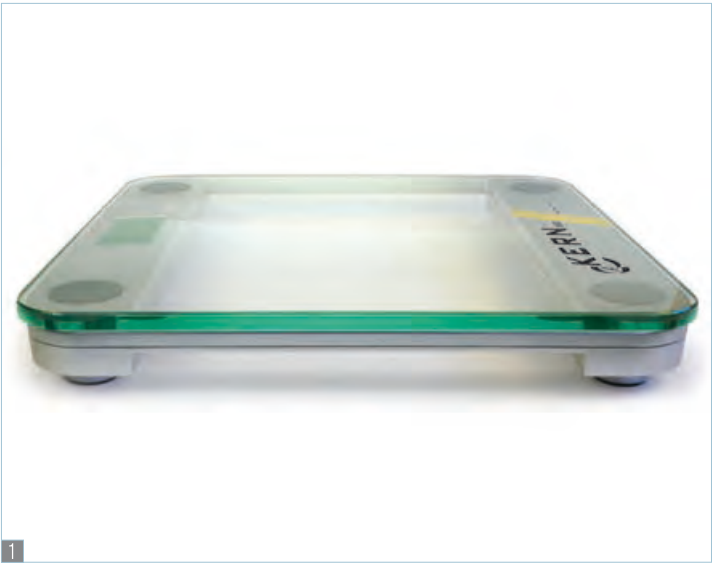


Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg		Mandatory by law Verification		Option DKD Calibr. Certificate	
					KERN		KERN	
KERN MXS 300K100M	300	0,1	0,1		965-129		963-129	

KERN MGB Bathroom scale

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 [Max] kg	Readout [d] kg		Option DKD Calibr. Certificate	
				KERN	
KERN MGB 150K100	150	0,1		963-129	

KERN MFB Body fat scale

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 inklusive, 4 x 1.5V AAA
- Net weight approx. 1,2 kg

STANDARD



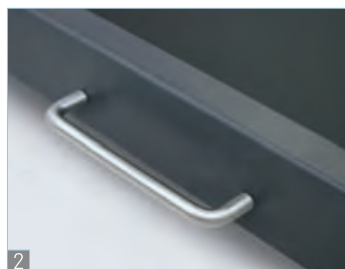
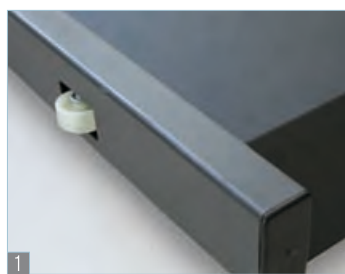
OPTION

Model	Weighing range [Max] kg	Readout [d] kg		Option DKD Calibr. Certificate	
				KERN	
KERN MFB 150K100	150	0,1		963-129	

KERN MWS Wheelchair platform scale

Large verified wheelchair platform scale with a low overall height for easy access



**Features:**

- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Large steel weighing plate with a non-slip and wear-resistant surface
- Low platform height and integrated access ramps on both sides facilitate access
- Secure and non-slip positioning with height-adjustable rubber feet. Level indicator to level the balance precisely
- Thanks to the wide weighing range from 0 to 300 kg and the large weighing plate, this scale can be used to weigh overweight persons
- 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
- PRE-TARE function for 5 different weights
- 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
- 3 Two balances in one: With the practical KERN MWS-A02 handrail set, the wheelchair platform scale 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 incl. MWS-A02 WxDxH 1155x820x1070 mm
- Cable length of display device approx. 180 cm
- Battery operation possible, 6 x 1.5 V AA, not included, operating time approx. 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**
- 4 Stand to elevate display device, height of stand approx. 950 mm, **KERN MWS-A01**
- Interface cable RS 232 to connect an external device, **KERN MPS-A08**
- Protective working cover over the display device, **KERN EOB-A02**
- Rechargeable battery pack internal, operating time approx. 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08**

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	Mandatory by law Verification		Option DKD Calibr. Certificate	
					KERN		KERN	
MWS 300K100M	300	0,1	0,1	900x740	965-129		963-129	
MWS 400K100DM	300 400	0,1 0,2	0,1 0,2	1000x1000	965-130		963-130	

KERN MTS Handrail scale

Affordable verified handrail scale for a secure feeling during weighing




**Features:**


- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Large platform with non-slip and wear-resistant surface for a secure footing
- For easy and hygienic cleaning
- 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
- Intuitive operation using a keypad, e. g.:
 - PRE-TARE function for 5 different weights
 - Input of height for BMI calculation etc.
- BMI function to determine normal weight/surplus weight
- Battery- or mains-powered
-  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 wheels for easy transportation of the scale

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 approx. 70 h
- Mains adapter (external) included
- Net weight approx. 20 kg

Accessories:

-  Mechanical height rod, measuring range 60 - 200 cm, can be screwed onto the stand or wallmounted, approved as a medical device according to 93/42/EEC, **KERN MSF 200**
- Interface cable RS 232 to connect an external device, **KERN MPS-A08**
- Protective working cover over the display device, **KERN EOB-A02**
- Rechargeable battery pack internal, operating time approx. 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08**

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STANDARD**OPTION****FACTORY**

Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg		Mandatory by law Verification		Option DKD Calibr. Certificate	
					KERN		KERN	
KERN								
MTS 300K100M	300	0,1	0,1		965-129		963-129	

KERN MCB Chair scale

Mobile chair scale with four wheels - approved as a medical device



*Features:*

- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- 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.
- Due to their large size, the four steerable rollers mean that you can move the scale more easily over thresholds and edges. All four rollers can be locked individually and securely
- Ergonomically optimised seat for comfortable, safe and secure seating
- 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
- 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 and weak patients, the comfortable chair design offers safe, secure seating during weighing
- 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
- Battery- or mains-powered, rechargeable battery operation optional

Technical data:

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

Accessories:

- Practical mains adapter pouch to store the mains adapter which is supplied as standard. Fitting option using two Velcro fasteners, **KERN MCB-A05**
- Protective working cover over the display device, **KERN EOB-A02**
- Rechargeable battery pack internal, operating time approx. 50 h without backlight, charging time approx. 24 h, **KERN FOB-A08**

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.

STANDARD



OPTION



FACTORY

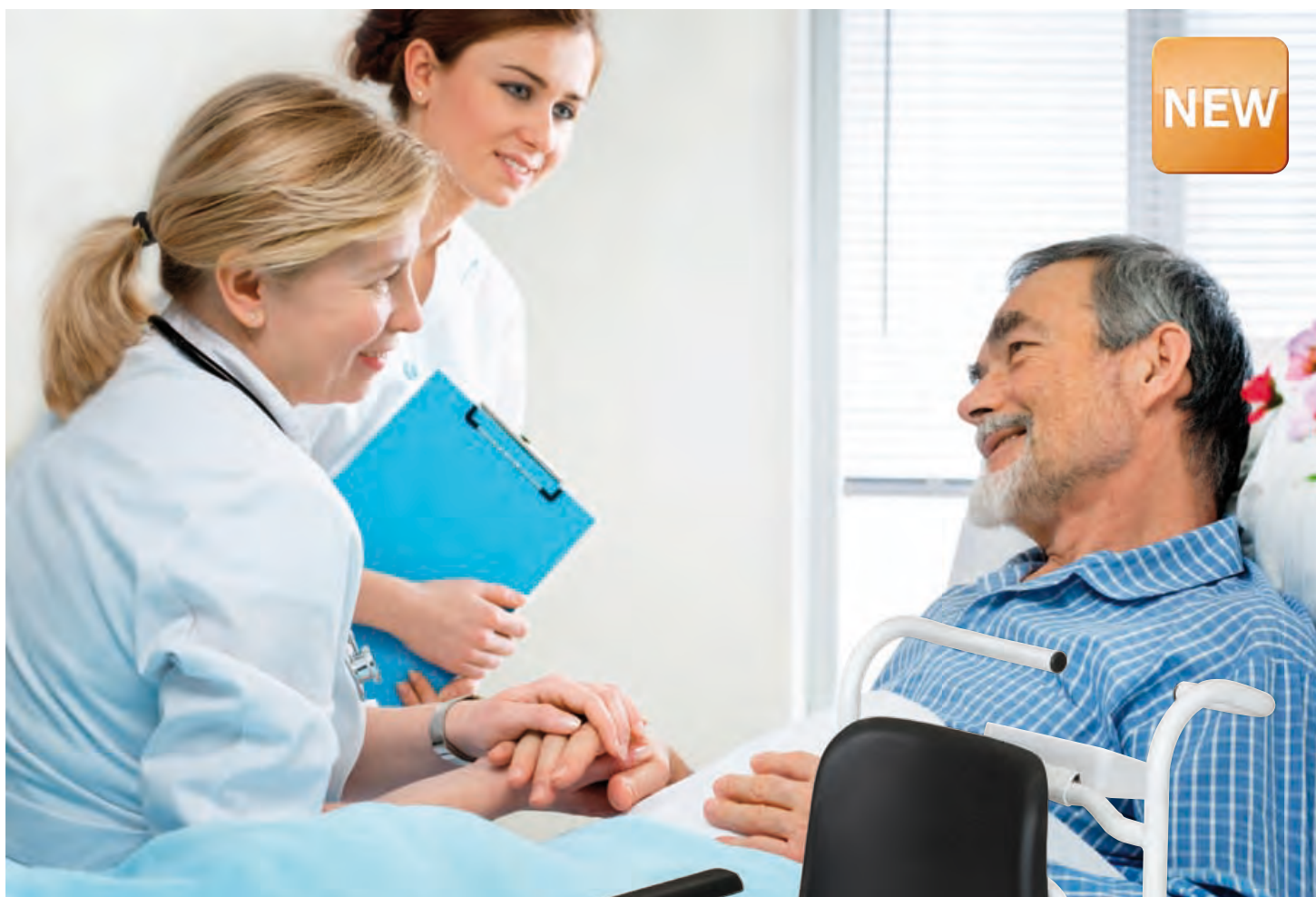


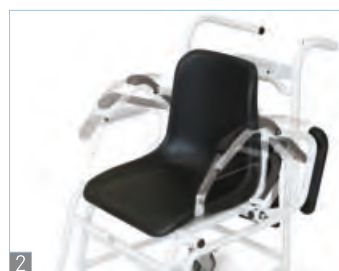
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Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg		Mandatory by law Verification		Option DKD Calibr. Certificate	
					KERN		KERN	
KERN MCB 300K100M	300	0,1	0,1		965-129		963-129	

KERN MCC Chair scale

Ergonomically optimised chair scale approved as a medical device



**Features:**

- Verified according to class III
- Approved as a medical device according to 93/42/EEC
- Mobile version with particular comfortable 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.
- [5] Due to their large size, the four steerable rollers mean that you can move the scale more easily over thresholds and edges. 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 and weak patients, the comfortable chair design offers safe, secure seating 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
- 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. This leaves sufficient time to read the weight in peace
- BMI function to determine normal weight/surplus weight
- High resolution readout: Read-out 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, operating time approx. 40 h without backlight, charging time approx. 12 h
- Net weight approx. 22 kg

[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.

STANDARD**OPTION****FACTORY**

Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Mandatory by law Verification		Option DKD Calibr. Certificate	
				KERN		KERN	
KERN MCC 250K100M	250	0,1	0,1	965-129		963-129	

KERN MAP Hand grip dynamometer

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



*Features:*

- Especially suitable for use in rehabilitation centers
- **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
- 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
- As part of a rehabilitation program, this permits medical staff to monitor the fitness of the patient's hands and carry out controlled training
- 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

- **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 approx. 53 h
- Net weight approx. 0,3 kg

STANDARD



Model	Measuring range [Max] kg	Readout [d] kg	Spring sets kg	Overall dimensions WxDxH mm	Option ISO Calibr. Certificate	
					KERN	
MAP 80K1S	80	0,1	10, 20, 40, 80	55 x 88 x 212	961-167	
MAP 80K1	80	0,1	20, 40, 80	55 x 102 x 212	961-167	
MAP 130K1	130	0,1	40, 80, 130	55 x 102 x 212	961-167	

SAUTER FK · FH Digital force gauges

Force measurement for medical applications

NEW



Sauter FK



Sauter FH

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 carrying handles SAUTER AFK 02 | AFH 02 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) 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**
- 2 AC 46: Flat square-shaped sensor for lateral power sensing of back, chest or arm, **Sauter AC 46**
- 3 AC 47: Round sensor to measure particular muscle groups, such as, for example, the shoulder, **Sauter AC 47**
- 4 Stainless steel handle with plastic coating for force measuring devices
- SAUTER FK: AFK 02
- SAUTER FH: AFH 04

STANDARD FK



STANDARD FH



OPTION FH



Model	Measuring range [Max] N	Readout [d] N	
Sauter			
FK 50	50	0,02	
FK 100	100	0,05	
FK 250	250	0,1	
FK 500	500	0,2	
FK 1K	1000	0,5	
FH 50	50	0,01	
FH 100	100	0,05	
FH 200	200	0,1	
FH 500	500	0,1	



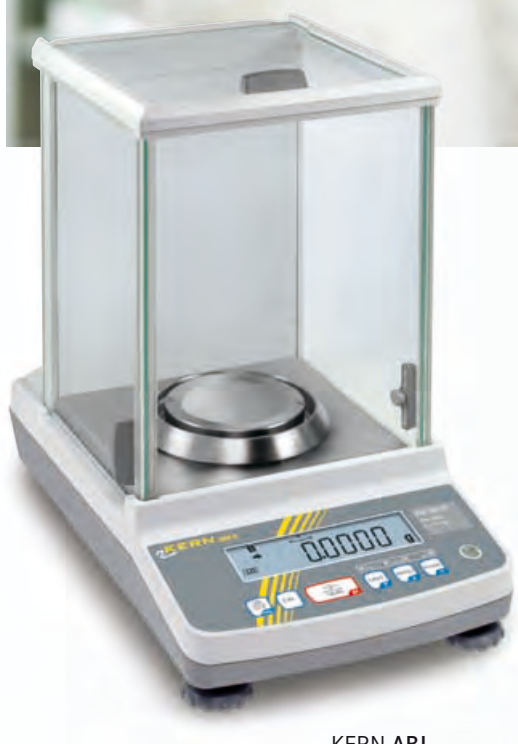
Model	Description	
Sauter		
AFK 02	Stainless steel handle bar with rubber grip	
AFH 04	Stainless steel handle bar with rubber grip	



Model	Description	
Sauter		
AC 45	Concave force sensor with optimised radius for measurement, particularly of arms and legs	
AC 46	Flat square-shaped sensor for lateral power sensing of back, chest or arm	
AC47	Round sensor to measure particular muscle groups, such as, for example, the shoulder	

KERN ABJ · EG · KBJ Pharmacy balances

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
- Internal adjusting weight
- Net-total weighing function
- Weighing with tolerance range, ideal for portion division, dispensing, grading
- GLP/ISO record keeping with optional printer

KERN YKS-01

- 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. 2,1 kg
- For more information visit 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

- 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

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

- 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-N

STANDARD



STANDARD



OPTION



FACTORY



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]	Readout [d]	Verification value [e]	Reproducibility	Linearity	Options alternative			
						Verification		DKD Calibr. Certificate	
						KERN		KERN	
KERN	g	g	g	g	g				
KBJ 650-2NM	650	0,01	0,1	0,01	±0,03	965-216		963-127	
EG 620-3NM	620	0,001	0,01	0,001	±0,004	965-201		963-101	
EG 2200-2NM	2200	0,01	0,1	0,01	±0,01	965-216		963-127	
EG 4200-2NM	4200	0,01	0,1	0,01	±0,02	965-216		963-127	
ABJ 80-4NM	80	0,0001	0,001	0,0002	±0,0003	965-201		963-101	
ABJ 120-4NM	120	0,0001	0,001	0,0002	±0,0003	965-201		963-101	
ABJ 220-4NM	220	0,0001	0,001	0,0002	±0,0003	965-201		963-101	

Veterinary scales

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





KERN Veterinary scales

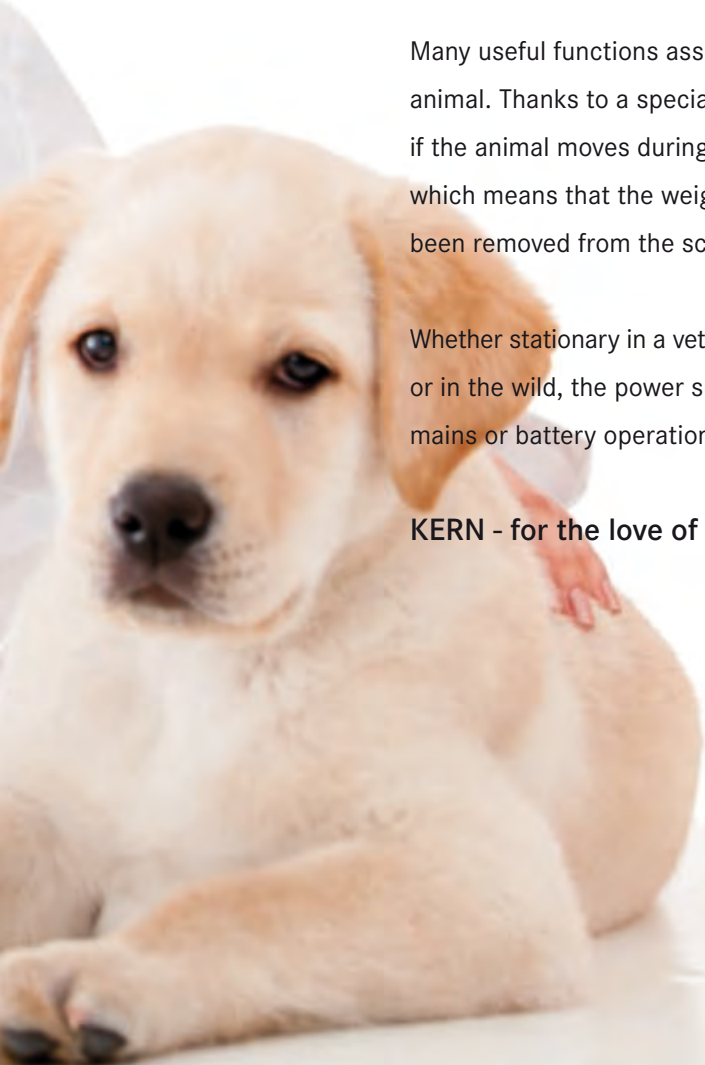
Animal scales for weighing pets and livestock such as rabbits, cats, dogs, snakes, sheep, horses etc.

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 3 tonnes, KERN's veterinary scale range offers a wide choice.

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

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

KERN - for the love of animals!



KERN EMB Small pet scale

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, 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**

STANDARD



OPTION



Model	Weighing range	Readout	Weighing plate	Option	
				DKD Calibr. Certificate	
KERN	[Max] g	[d] g		KERN	
EMB 200-3	200	0,001	A	963-127	
EMB 200-2	200	0,01	B	963-127	
EMB 600-2	600	0,01	B	963-127	
EMB 2000-2	2000	0,01	C	963-127	
EMB 500-1	500	0,1	C	963-127	
EMB 1200-1	1200	0,1	C	963-127	
EMB 6000-1	6000	0,1	C	963-128	
EMB 2200-0	2200	1	C	963-127	
EMB 5.2K1	5200	1	C	963-128	
EMB 5.2K5	5200	5	C	963-128	

KERN EOB Veterinary scale

Compact veterinary scale for diverse applications



**Features:**

- Platform scale to weigh animals
- Stainless steel-weighing plate, removable
- For easy and hygienic cleaning
- 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 weighing plate:
 - ▣ 310x305x65 mm, see larger picture
 - ▣ 550x550x65 mm
- Dimensions of display device WxDxH 210x110x45 mm
- Cable length of display device approx. 180 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time approx. 60 h
- Mains adapter (external) included

Accessories:

- 1 Stand to elevate display device (for models with weighing plate sizes ▣), height of stand approx. 450 mm, **KERN EOB-A01N**
- Sturdy transport case to protect and store the scale, only for models with weighing plate sizes ▣ and without stand, **KERN MPS-A07**

STANDARD**OPTION**

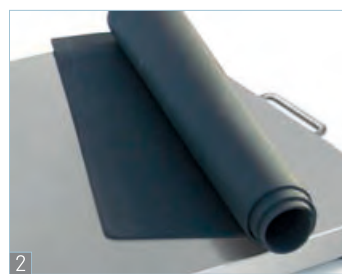
Model	Weighing range [Max] kg	Readout [d] g	Weighing plate	Option DKD Calibr. Certificate	
				KERN	
KERN					
EOB 15K5	15	5	▣	963-128	
EOB 35K10	35	10	▣	963-128	
EOB 60K20	60	20	▣	963-129	
EOB 60K20L	60	20	▣	963-129	

KERN EOS · EOS-F Veterinary scale

Affordable veterinary model that is also suitable for mobile use. Now also available in a new wireless version



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

*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
- **2** 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

- **3** 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
- Overall dimensions WxDxH 900x550x60 mm
- **1** Only EOS: Cable length of display device approx. 180 cm
- Battery operation possible, 6 x 1.5V AA, not included
- Mains adapter (external) included
- Net weight approx. 22 kg

Accessories:

- **2** Non-slip rubber mat standard, WxD 900x550 mm, can be reordered, **KERN EOS-A01**
- Stand to elevate display device, height of stand approx. 950 mm, **KERN MWS-A01**
- Protective working cover display device, standard, can be reordered, **KERN EOB-A02**

STANDARD



OPTION

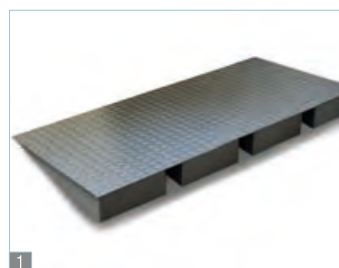
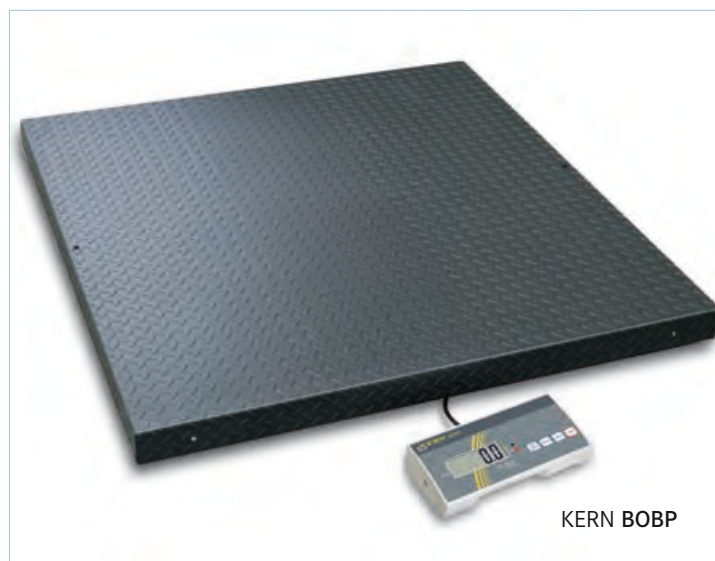
Model	Weighing range	Readout	Option	
			DKD Calibr. Certificate	
KERN	[Max] kg	[d] kg	KERN	
EOS 150K50NXL	150	0,05	963-129	
EOS 300K100NXL	300	0,1	963-129	
EOS 150K50XLF	150	0,05	963-129	
EOS 300K100XLF	300	0,1	963-129	

KERN EOE · BOBP Veterinary scale

Practical XL veterinary scale



KERN EOE

*Features:*

- Robust platform scale to weigh large animals
- 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
- Wall mount for the display device
- Simple and convenient 4-key operation
- Integrated AUTO-OFF function to preserve the batteries, adjustable
- Only BOBP: Weighing bridge with non-slip steel chequer plate, lacquered. Overall height of weighing bridge 90 cm, height-adjustable screw feet to level the platform

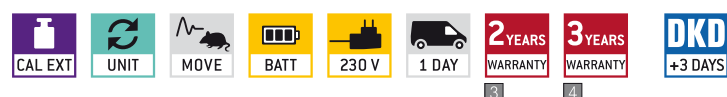
Technical data:

- Large LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x110x45 mm
- Cable length of display device approx. 180 cm
- Battery operation possible, 6 x 1.5V AA, not included, operating time approx. 150 h
- Mains adapter (external) included

Accessories:

- **1** Only BOBP: Ascending ramp incl. attachment plate to fix it to the weighing bridge, WxDxH 996x507x87 mm, **KERN BOBP-A01**
- **2** Stand to elevate display device, height of stand approx. 950 mm, **KERN MWS-A01**
- Non-slip rubber mat, WxD 945x505 mm, **KERN EOE-A01**

STANDARD



OPTION

Model	Weighing range	Readout	Net weight approx.	Weighing plate		Option	
						DKD Calibr. Certificate	
KERN	[Max] kg	[d] kg	kg	mm		KERN	
EOE 150K50XL 3	150	0,5	20	945x505x65		963-129	
EOE 300K100XL 3	300	0,1	20	945x505x65		963-129	
BOBP 300K200* 4	300	0,2	48	1006x996x90		963-130	
BOBP 750K500* 4	750	0,5	48	1006x996x90		963-130	

! * Only while stocks last

KERN HCB · HCN Hanging scales

Practical assistant for the mobile weighing of heavy house pets, animal feed, etc.



KERN HCB



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

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/EG.

- 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 27.11.2006)

[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.