



KERN – Tradition and Innovation for over 170 years

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

fast

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

reliable

- 2+ years warranty
- Precision in weighing technology for more than 170 years

competent

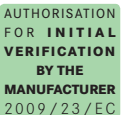
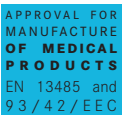
- DAkkS accreditation DIN EN ISO/IEC 17025
- Certified QM system DIN EN ISO 9001:2008
- Authorisation for initial verification by the manufacturer 2009/23/EC
- Medical certifications DIN EN ISO 13485 and 93/42/EEC

versatile

- One-stop shopping: from height rod through to chair scale – everything from one supplier
- Quick as a flash, find the product you want with the “Balance Quick-Finder”



2015



Height rods

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■ Approved Medical Device
■ EC type approval

Height rods KERN MSB · MSC · MSF

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



KERN **MSB 80**

KERN **MSC 100**



KERN **MSF 200**



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 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)
- 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 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 12), MPB-P (page 14) MTS-M (page 30) 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

STANDARD



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
- 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 890x470x175 mm
- Batteries included, 6 x 1,5V AA, operating time up to 20 h
- Mains adapter (external) included
- Net weight approx. 5,5 kg

Accessories

- **1** Mechanical height rod to fix to the scale, measuring range 80 cm, increments of 1 mm, KERN MBC-A01
- **3** Foot/head rest to fix to the lying surface for even more safety when weighing small children, scope of supplies: 1 head rest and 1 foot rest, MBC-A05
- **4** Carrying case for mobile use, only for models without height rod, KERN MBC-A02
- Protective working cover over the display device, standard, can be reordered, KERN MBC-A06
- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01

STANDARD



OPTION



FACTORY



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

Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Mandatory by law		Option	
				Verification		DAkkS Calibr. Certificate	
KERN				KERN		DAkkS 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	



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
- Wall mount for display device
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of tray WxD 550x240 mm
- Dimensions of weighing plate WxDxH 250x250x70 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Overall dimensions WxDxH 560x288x136 mm
- Cable length of display device approx. 50 cm
- Battery operation possible, 6 x 1,5V AA, not included, operating time up to 120 h
- Mains adapter (external) included
- Net weight approx. 4 kg

Accessories

- Carrying case for mobile use, KERN MBB-A02
- Stand to elevate display device, height of stand approx. 450 mm, KERN EOB-A01
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, KERN FOB-A08

STANDARD

MOVE

BATT

230 V

1 DAY

2 YEARS WARRANTY

OPTION

ACCU

DAkKS +3 DAYS

FACTORY

M +3 DAYS

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



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

Accessories

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

STANDARD

OPTION

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

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 made of plastic, to provide a secure footing for patients
- 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

- Batteries included, 6 x 1,5V AA, operating time up to 20 h
- Mains adapter (external) included
- Data interface RS-232 standard
- Net weight approx. 12 kg

Accessories

- Protective working cover over the display device, standard, can be reordered, KERN MPE-A01
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01
- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN CFS-A01

STANDARD



OPTION



FACTORY

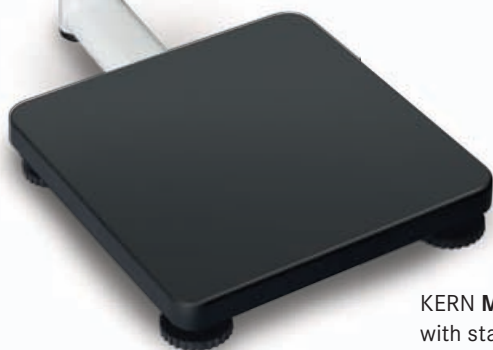


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Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Mandatory by law		Option	
				Verification		DAkkS Calibr. Certificate	
KERN						DAkkS KERN	
MPE 250K100PM	250	0,1	0,1	965-129		963-129	
MPE 250K100HM	250	0,1	0,1	965-129		963-129	

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 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
- **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
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, KERN FOB-A08
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN MPS-A08

STANDARD



OPTION



FACTORY



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

Personal scale KERN MPB

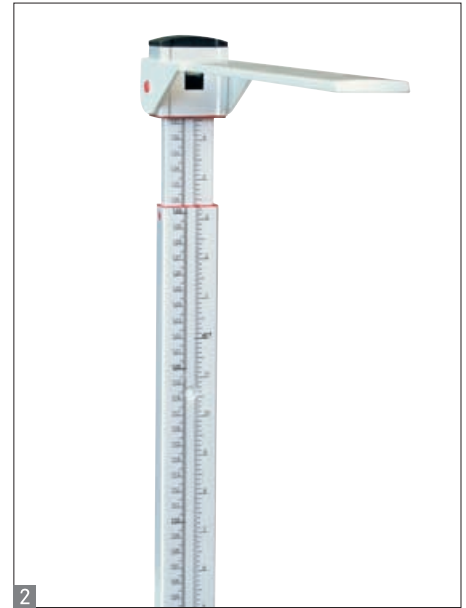
Personal floor scale with BMI function



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
- **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, KERN MSF 200
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01

STANDARD



OPTION

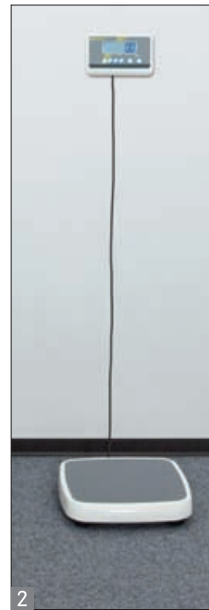


Model	Weighing range [Max] kg	Readout [d] kg	Option DAkkS Calibr. Certificate	
			DAkkS KERN	
KERN				
MPB 300K100	300	0,1	963-129	
MPB 300K100P	300	0,1	963-129	

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 made of plastic, to provide a secure footing for patients
- High resolution readout: Readout [d] for 5 sec. increased by one decimal place at the touch of a key
- BMI function to determine 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
- Batteries included, 6 x 1,5V AA, operating time up to 20 h
- Mains adapter (external) included
- Net weight approx. 10 kg

Accessories

- Protective working cover over the display device, standard, can be reordered, KERN MBC-A06
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01
- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08
- RS-232 data interface, must be ordered at purchase, KERN MPC-A01
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN CFS-A01

STANDARD



OPTION



FACTORY



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

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 made of plastic, to provide a secure footing for patients

Technical data

- Backlit LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 365x360x80 mm
- Dimensions of display device WxDxH 200x128x55 mm
- Batteries included, 6 x 1,5V AA, operating time up to 20 h
- Mains adapter (external) included
- Net weight approx. 10 kg

Accessories

- Protective working cover over the display device, standard, can be reordered, KERN MBC-A06
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01
- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08

STANDARD



OPTION



FACTORY



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



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

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Ideally suited for hospitals, clinics and doctor's surgeries as well as for mobile applications such as home visits or at sports events
- Thanks to the wide weighing range from 0 to 300 kg, this scale can be used to weigh children, adults of normal weight and overweight persons
- Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- Secure and non-slip positioning with height-adjustable rubber feet. Level indicator to level the balance precisely
- Robust and compact design
- 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
- Wall mount for the display device
- Sturdy handle for easy transportation of the scale
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 450x340x90 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Cable length of display device approx. 150 cm
- Battery operation possible, 6 x 1,5V AA, not included, operating time up to 57 h
- Mains adapter (external) included
- Net weight approx. 8,5 kg

Accessories

- **1** Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01
- Mechanical height rod, measuring range between 60 – 200 cm, for wall-mounting, KERN MSF 200
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, KERN FOB-A08
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN MPS-A08

STANDARD



OPTION



FACTORY



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

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



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
- Wall mount for 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

- **1** Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01
- Mechanical height rod, measuring range between 60 – 200 cm, for wall-mounting, KERN MSF 200
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN MPS-A08

STANDARD



OPTION



FACTORY



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

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

ONLY WHILE STOCKS LAST

Order hotline: Go to back page of catalogue



Designer personal scale with glass weighing plate

Features

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

Technical data

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

Accessories

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

STANDARD

UNIT

BATT

1 DAY

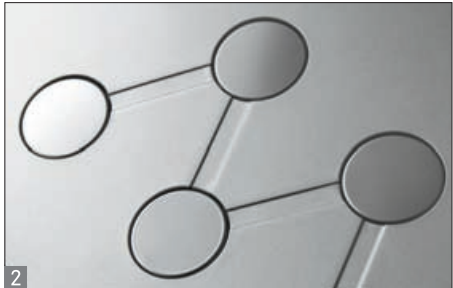
2 YEARS WARRANTY

OPTION

DAkkS

+3 DAYS

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



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

Technical data

- LCD display, digit height 25 mm
- Overall dimensions WxDxH 300x320x55 mm
- Batteries included, 4 x 1,5V AAA
- Net weight approx. 1,2 kg

Accessories

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

STANDARD

UNIT

BATT

1 DAY

2 YEARS WARRANTY

OPTION

DAkkS

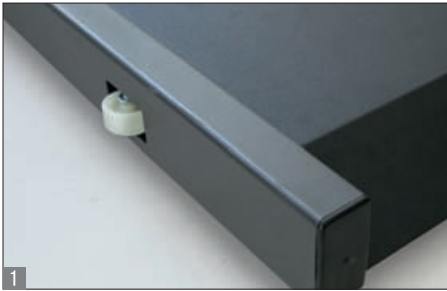
+3 DAYS

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

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 also makes it ideal for weighing obese patients.
- Secure and non-slip positioning with height-adjustable rubber feet. Level indicator to level the balance precisely
- 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.
- BMI function to determine normal weight/surplus weight
- **1** 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

- **2** Display device with 2 magnets on the back, ideal during transportation or for fixing to metallic surfaces
- **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 50 h
- Mains adapter (external) included
- Net weight approx. 28,4 kg

Accessories

- **3** Handrail set to fit to the wheelchair platform scale KERN MWS 300K100M, WxDxH approx. 1150x60x900 mm. Scope of 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
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, KERN FOB-A08
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN MPS-A08

STANDARD



OPTION



FACTORY



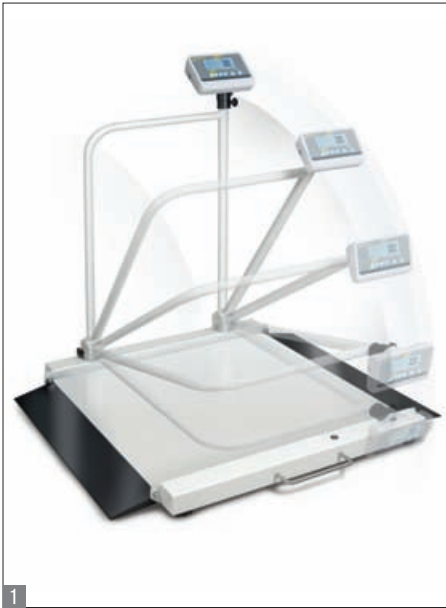
* Within the EU, official verification is mandatory by law for scales that are intended for use as a medical device. Please add this to your order. We require the location of use and the post code for the verification.

Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Weighing plate mm	Mandatory by law Verification		Option DAkKS Calibr. Certificate	
					KERN		DAkKS 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	

Wheelchair platform scale KERN MWA

Wheelchair platform scale with two integrated access ramps for easy access – with EC type approval and approval for professional medical 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
- **1** Option: The ergonomic handrail KERN MWA-A01 can be fitted on the MWA 300K100M wheelchair platform scale and offers patients maximum safety when driving or stepping onto the weighing platform. As an ergonomic solution, the display can be mounted directly on the handrail, which can be folded quickly and easily for transport, for example. **2** Both access ramps can be folded up to save space.
- The large steel weighing plate also makes it ideal for weighing obese patients.
- Secure and non-slip positioning with height-adjustable rubber feet. Level indicator to level the balance precisely
- Vibration-free weighing: When the weighing conditions are unstable, a stable weight is calculated as an average value, 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.
- BMI function to determine normal weight/surplus weight
- **3** 3 balances in one: With the practical **1** KERN MWA-A01 handrail and/or the **4** KERN MWA-A02, handrail, you can convert the wheelchair platform scale into a multi-functional scale quickly and easily. In this way patients can be weighed standing up, with support from the handrail or weighed in a wheelchair

Technical data

- LCD display, digit height 25 mm
- Dimensions of display device WxDxH 200x55x128 mm
- Overall dimensions, without **1**, **4** WxDxH 1180x1000x1130 mm
- Cable length of display device approx. 180 cm
- Battery operation possible, 6 x 1,5V AA, not included, operating time up to 20 h
- Mains adapter (external) included
- Net weight approx. 57,6 kg

Accessories

- **1** Handrail for KERN MWA 300K100M wheelchair platform scale, can be folded up, with column for mounting the display device, must be ordered at time of purchase, WxDxH approx. 560x40x920 mm. Scope of supplies: handrail incl. column and mount for the display device, fasteners KERN MWA-A01
- **4** Handrail for self-assembly on the KERN MWA 300K100M wheelchair platform scale, WxDxH approx. 560x40x920 mm. Scope of supplies: handrail, fasteners. KERN MWA-A02
- Protective working cover over the display device, standard, KERN MBC-A06
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. KERN MYC-01
- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN CFS-A01

STANDARD



OPTION



FACTORY



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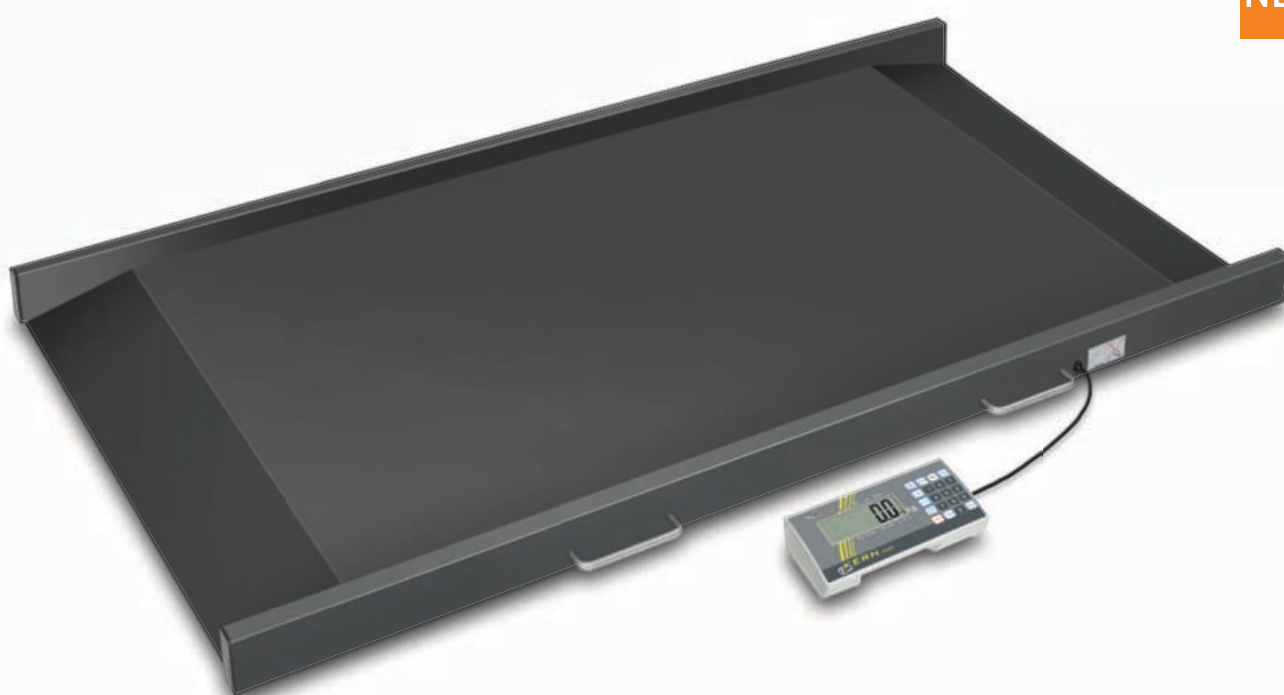
Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Weighing surface mm	Mandatory by law		Option	
					Verification		DAkKS Calibr. Certificate	
KERN						KERN	DAkKS KERN	
MWA 300K-1M	300	0,1	0,1	880x840	965-129		963-129	

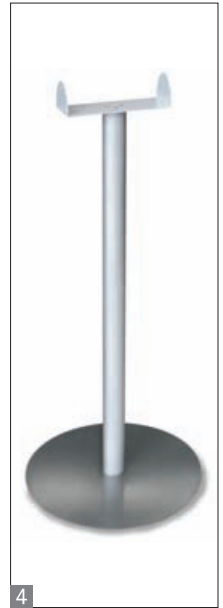
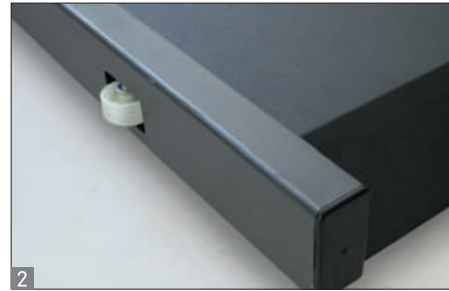
Stretcher scale KERN MWS-L

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



NEW





Features

- Verification class III
- Approved as a medical device according to 93/42/EEC
- **1** Due to its large dimensions and large weighing range, it is especially suitable for weighing immobile patients on medical patient trolleys or wheelchairs as well as overweight patients who are in the obese category
- 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: When the weighing conditions are unstable, a stable weight is calculated as an average value, 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** The scale can be easily transported using 2 rollers and 2 handle and does not require much storage space
- **3** Display device with 2 magnets on the back, ideal during transportation or for fixing to metallic surfaces
- Battery- or mains-powered, rechargeable battery operation optional

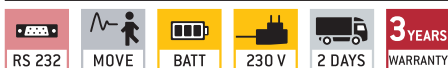
Technical data

- LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Overall dimensions WxDxH 1500x860x68 mm
- Cable length of display device approx. 180 cm
- Battery operation possible, 6 x 1,5V AA, not included, operating time up to 50 h
- Mains adapter (external) included
- Net weight approx. 40 kg

Accessories

- **4** Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01
- Rechargeable battery pack internal, operating time up to 45 h without backlight, charging time approx. 14 h, KERN FOB-A08
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN MPS-A08

STANDARD



OPTION



FACTORY



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Model	Weighing range [Max] kg	Readout [d] kg	Verification value [e] kg	Weighing plate mm	Mandatory by law		Option	
					Verification		DAkkS Calibr. Certificate	
KERN					KERN		DAkkS KERN	
MWS 300K-1LM	300	0,1	0,1	1200x800	965-129		963-130	

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
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, KERN FOB-A08
- Interface cable RS-232C to connect an external device, KERN MPS-A08

STANDARD



OPTION



FACTORY



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

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

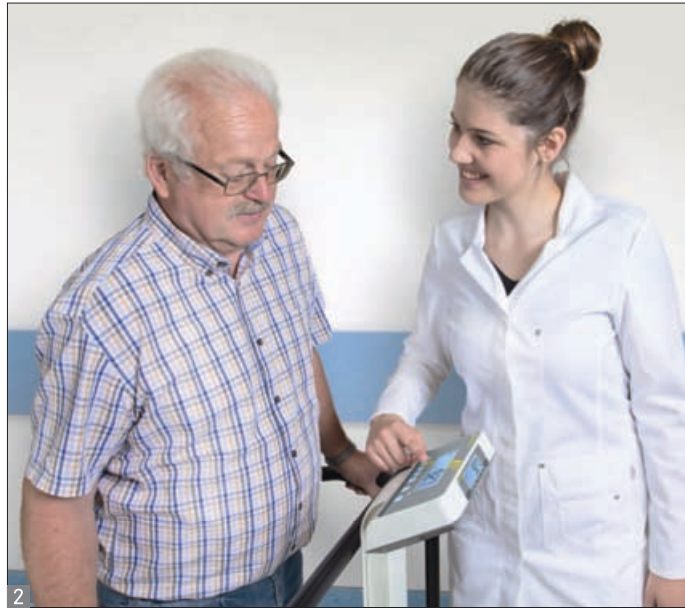
Handrail scale KERN MTA

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



NEW





Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Ideal for care homes, centres for geriatric medicine, internal medicine and much more
- **1** The sturdy support structure helps fragile and weak patients to stand safely and, at the same time, allows for a precise determination of the patients' weight
- Large surface, for the patient to have the most secure footing, hygienic and easy to clean
- Particularly easy access to the platform through its low height of just 30 mm
- Secure and non-slip positioning with height-adjustable rubber feet. Level indicator to level the balance precisely
- Vibration-free weighing: When the weighing conditions are unstable, a stable weight is calculated as an average value, ideal for restless patients
- **2** Practical second display on the back of the balance, which makes it easy for both the patient and the doctor or nursing staff to read the weight
- 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 read the weight in peace

- BMI function to determine normal weight/surplus weight
- Ergonomic display device with large keys and a high-contrast LCD display for easy entry and reading of patient data or the height for calculating the BMI
- Battery- or mains-powered, rechargeable battery operation optional

Technical data

- LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 780x680x68 mm
- Dimensions of weighing surface WxD 600x600 mm
- Dimensions of display device WxDxH 200x55x128 mm
- Overall dimensions WxDxH 780x680x1100 mm
- Battery operation possible, 6 x 1,5V AA, not included, operating time up to 50 h
- Mains adapter (external) included
- Net weight approx. 40 kg

Accessories

- Protective working cover over the display device, standard, can be reordered, KERN MPE-A01
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01
- Rechargeable battery pack internal, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN CFS-A01

STANDARD



OPTION



FACTORY



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

Model	Weighing range	Readout	Verification value		Mandatory by law		Option	
					Verification		DAkkS Calibr. Certificate	
KERN	[Max] kg	[d] kg	[e] kg		M KERN		DAkkS KERN	
MTA 400K-1M	300 400	0,1 0,2	0,1 0,2		965-130		963-130	

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
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 24 h, KERN FOB-A08
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN MPS-A08

STANDARD



OPTION



FACTORY



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

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

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 four wheels
- With its four wheels, this chair scale provides maximum mobility in bringing the scale to the patient. This ensures more efficient use of time for the clinic staff and greater safety for the patients, who can be weighed in their familiar environment
- **3** The four steerable rollers, with their large diameter, make it easier to get over door thresholds, edges and across the gaps into elevators. All four rollers can be locked individually and securely
- This chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can handle weighing overweight persons weighing up to 250 kg
- For fragile patients, the comfortable, ergonomically optimised seat offers secure support during weighing
- 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
- Batteries included, 6 x 1,5V AA, operating time up to 20 h
- Net weight approx. 22 kg

Accessories

- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth, KERN MYC-01

STANDARD



OPTION



FACTORY



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

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



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

Features

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

Technical data

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

Accessories

- Rechargeable battery pack internal, operating time up to 35 h without backlight, charging time approx. 10 h, must be ordered at purchase, KERN GAB-A04
- **3** Stand to elevate display device, stainless steel, height-adjustable, height of stand 750 – 1000 mm, KERN BFN-A04
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03
- Large display with superior display size, please refer to KERN's website for more details. YKD-A02
- Cable with special length 15 m, between display device and platform, must be ordered at purchase, KERN BFB-A03
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Data interface RS-232, interface cable included, approx. 1.5 m, must be ordered at purchase, KERN KFN-A01

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Mandatory by law		Option	
					Verification		DAKKS Calibr. Certificate	
KERN					M	KERN	DAKKS KERN	
NFN 600K-1M	600	200	200	4000	965-230		963-130	
NFN 1.5T-4M	1500	500	500	10000	965-230		963-130	



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

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 WxDxH 230x300x130 mm
- Rechargeable battery pack internal, standard, operating time up to 50 h, charging time approx. 12 h
- Net weight approx. 3,2 kg
- Permissible ambient temperature 0 °C/40 °C

Accessories

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

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g		Mandatory by law Verification		Option DAkkS Calibr. Certificate	
					M III KERN		DAkkS KERN	
KERN								
FFN 1K-4N	1,5	0,2	–		–		963-127	
FFN 3K0.5IPN	3	0,5	–		–		963-127	
FFN 6K1IPN	6	1	–		–		963-128	
FFN 15K2IPN	15	2	–		–		963-128	
FFN 25K5IPN	25	5	–		–		963-128	
FFN 1K-4NM	1,5	0,5	0,5		965-227		963-127	
FFN 3K1IPM	3	1	1		965-227		963-127	
FFN 6K2IPM	6	2	2		965-228		963-128	
FFN 15K5IPM	15	5	5		965-228		963-128	
FFN 25K10IPM	25	10	10		965-228		963-128	



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

Features

- Especially suitable for use in rehabilitation centres for determining manual clamping force
- There are four measuring methods, which for example, as part of a rehabilitation program, help the medical staff to monitor the fitness of the patient's hands and carry out controlled training:
 - Real time mode: immediately shows the client's current strength
 - Peak/Max mode: shows the maximum strength of a client's grip
 - Average mode: Calculates the average strength from two grips
 - Counting mode: Counts the number of presses which exceed a previously defined strength limit
- Designed to reveal reduced hand strength and the risk of morbidity which results from this, for aging people or to expose malnutrition, for example, during chemotherapy or similar treatments
- Safe, comfortable use thanks to non-slip rubber grips
- Integrated AUTO-OFF function after 1 minute to preserve the batteries
- Result displayed in kg or lb
- MAP 80K1S: Special version for children: The small handle depth means that the handles can still be gripped ergonomically, particularly by the small hands of infant
- MAP 130K1: Special version for body builders: Its design and extended measuring range mean that it offers additional capacity, which can accommodate the higher fundamental force exerted by body builders
- **1** Exchangeable springs facilitate fast switching of the capacity (additional spring sets are included with delivery). The varying rigidity of the individual springs makes the hand grip dynamometer ideal for a wide variety of patient groups, e.g. children or senior citizens or in sports medicine
- **2** Stable case for safe, easy transport and for storage of the additional spring sets, standard, WxDxH 350x265x85 mm

Technical data

- LCD display, digit height 12 mm
- Batteries included, CR2450, operating time up to 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	
					ISO KERN	
KERN						
MAP 80K1S	80	0,1	10, 20, 40, 80	55x88x212	961-167	
MAP 80K1	80	0,1	20, 40, 80	55x102x212	961-167	
MAP 130K1	130	0,1	40, 80, 130	55x102x212	961-167	



See images for dynamometers with optional accessories AC45-47



Force measurement for medical applications

Features

- Determining muscle function and force is used within many areas of medical diagnostics. Amongst others, in
 - orthopaedics for determining the function of the musculoskeletal system
 - physiotherapy for restoring motivity
 - occupational therapy for treating physical damage
- Within sport, too, measuring muscular force development can be used alongside training
- These measurements can be supported by the SAUTER FK (alternatively SAUTER FH) force gauge when connected with the three physio sensors 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

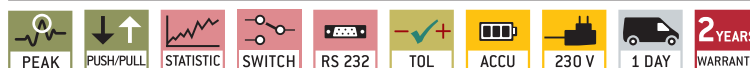
Accessories

- **1** AC 45: Concave force sensor with optimised radius for measurement, particularly of arms and legs, SAUTER AC 45
- **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
- **5** Support for medical muscular strength measurement, suitable for dynanometers SAUTER FK, FH, SAUTER AFH 21

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	
AFH 21 can either be combined with FK or FH			
FH 50	50	0,01	
FH 100	100	0,05	
FH 200	200	0,1	
FH 500	500	0,1	

Model	Description	
SAUTER		
4 AFK 02	Stainless steel handle bar with rubber grip	
5 AFH 21	Support	
4 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	
AC 47	Round sensor to measure particular muscle groups, such as, for example, the shoulder	



NEW



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

Features

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

Technical data

- Eyepieces: WF 10x18mm / WF 10x20 mm
- Objectives: 4x / 10x / 40x / 100x
- Overall dimensions WxDxH
395x200x380 mm
- Net weight approx. 6,5 kg

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

STANDARD



only OBL

OPTION



Model	Standard configuration			
	Optical system	Tube	Illumination	
KERN				
OBF 121	Finity	Binokular	6V / 20W Halogen (transmitting)	
OBF 122	Finity	Binokular	6V / 20W Halogen (transmitting)	
OBF 123	Finity	Binokular	3W LED (transmitting)	
OBL 125	Infinity	Binokular	6V / 20W Halogen (transmitting)	
OBL 127	Infinity	Binokular	3W LED (transmitting)	



NEW



The flexible expandable model for the experienced user

Features

- The KERN OBN 132 is an excellent and stable laboratory microscope for all common routine applications for impressive images.
- These trinocular microscopes are equipped with wide field eyepieces with a large field of view, diopter adjustment on both sides and infinity corrected plan achromatic objectives **1** as standard.
- The professional Koehler illumination is easily adjustable. It includes an adjustable field diaphragm, and a centerable and height adjustable Abbe condenser with adjustable aperture diaphragm. This provides impressive images in both bright and dark field applications.
- A nosepiece for up to five objectives and a large stage **2** are provided as standard.
- The following optional accessories are available:
 - A variety of eyepieces
 - objectives
 - a complete polarisation kit
 - a swing-out condenser
 - **3** diverse phase contrast sets
 - complete HBO and LED fluorescence kits, and more.
- One of the central features of this highly variable and simultaneously robust series of microscopes is the stable and precisely adjustable mechanism. This is underlined by the functional and ergonomic design.

Technical data

- Eyepieces: WF 10x20 mm
- Objectives: 4x / 10x / 20x / 40x / 100x
- Overall dimensions WxDxH
390x200x400 mm
- Net weight approx. 10 kg

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

STANDARD



OPTION



Model	Standard configuration			
	Optical system	Tube	Illumination	
KERN				
OBN 132	Infinity	Trinokular	6V / 20W Halogen (transmitting)	

NEW



Refractive index measurement for laboratories and the industry

Features

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

Technical data

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

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

STANDARD



OPTION



Model	Scales	Measuring range	Division	ATC	
KERN					
ORA 2PA	Serum protein Urine (spec. gravity) Refractive index	0 – 12 g / dl 1,000 – 1,050 sgU 1,3330 – 1,3600 nD	0,2 g / dl 0,002 sgU 0,0005 nD	•	
ORA 32BA	Brix	0 – 32 %	0,2 %	•	

NEW



Digital refractive index measurement for laboratories and the industry for multi-application

Features

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

Technical data

- Measurement temperature: 10 °C – 30 °C
- Overall dimensions WxDxH 133x65x38 mm
- Packing dimensions WxDxH 235x200x65 mm
- Net weight approx. 200 g
- Power supply: 2 x AAA (1,5V)
- Lifetime of the battery: approx. 10,000 measurements

- ATC (Automatic Temperature Compensation)
- Minimum sample volume: 2 drops
- Automatic energy management (turns off after 5 minutes)

NEW Technical data

- Measurement temperature: 10 °C – 30 °C
- **Protection class: IP67**
- **Large color TFT display: 43x57 mm**
- Overall dimensions WxDxH 145x68x40 mm
- Packing dimensions WxDxH 235x200x65 mm
- Net weight approx. 210 g
- Power supply: 2 x AAA (1,5V)
- Lifetime of the battery: approx. 10,000 measurements
- ATC (Automatic Temperature Compensation)
- Minimum sample volume: 2 drops
- Automatic energy management (turns off after 5 minutes)

Available from August 2015 in our KERN Webshop

STANDARD



Model	Scales	Measuring range	Accuracy	Division	
KERN					
ORD 1PM	Serum protein Urine (spec. gravity) Refractive index	0 – 12 g / dl 1,000 – 1,050 sgU 1,3330 – 1,3990 nD	± 0,1 g / dl ± 0,001 sgU ± 0,0003 nD	0,1 g / dl 0,001 sgU 0,001 nD	
ORD 45BM	Brix Refractive index	0 – 45 % 1,3330 – 1,4098 nD	± 0,2 % ± 0,0003 nD	0,1 % 0,0001 nD	

“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 high-capacity floor scales for animals, right up to hanging and crane scales for mobile weighing of animals up to 1 tonne, KERN's veterinary scale range offers a wide choice.

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

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

KERN – for the love of animals!



All-purpose small pet scale for mobile and stationary use

Features

- Ideal table scale for weighing small animals or for the laboratory
- Particularly flat design
- Plastic weighing tray, removable
- For easy and hygienic cleaning
- Tare function facilitates formulation work
- Simple and convenient 2-key operation

Technical data

- LCD display, digit height 15 mm
- Dimensions of weighing plate:
 - A** Ø 82 mm
 - B** Ø 105 mm
 - C** Ø 150 mm, see larger picture
- Overall dimensions
WxDxH 170 x 240 x 39 mm
- Batteries included,
9V block respectively 2 x 1,5V AA
- Socket for mains adapter included
- Net weight approx. 0,5 kg

Accessories

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

STANDARD



OPTION



Model	Weighing range [Max] g	Readout [d] g	Weighing plate		Option DAkkS Calibr. Certificate	
					DAkkS KERN	
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	

NEW



KERN FOB-NS

NEW



KERN FOB-N

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

	KERN FOB-NS	KERN FOB-N
Features	<ul style="list-style-type: none"> Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean High mobility: thanks to compact, flat construction, it is suitable for use in several locations (kitchen, sales office, market stall, etc.) Secure and non-slip positioning through rubber feet Your support in an HACCP-compliant quality system 	
	<ul style="list-style-type: none"> IP65: Protected against dust and water splashes (only when using battery) Ready for use: battery 9 V Block standard, operating time up to 24 h Particularly flat design 	<ul style="list-style-type: none"> IP67: Protected against dust and water splashes (only when using battery or rechargeable battery pack) Ready for use: battery 4 x 1,5 V AA standard, operating time up to 66 h without backlight
Technical data	<ul style="list-style-type: none"> Large LCD display, digit height 20 mm Overall dimensions WxDxH 170x150x40 mm Permissible ambient temperature 10 °C / 35 °C 	<ul style="list-style-type: none"> Large backlit LCD display, digit height 25 mm Overall dimensions WxDxH 285x255x90 mm Permissible ambient temperature 5 °C / 35 °C
Accessories	<ul style="list-style-type: none"> Protective working cover over keyboard and housing, standard, can be reordered, KERN FOB-A12 Mains adapter external, not included, can be reordered, KERN FOB-A09 	<ul style="list-style-type: none"> Protective working cover over keyboard and housing, standard, can be reordered, KERN FOB-A13 Mains adapter external, not included, can be reordered, KERN FOB-A01

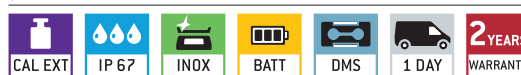
STANDARD



OPTION



STANDARD



OPTION



Model	Weighing range	Readout	Net weight	Weighing plate		Option	
						DAKKS Calibr. Certificate	
KERN	[Max] kg	[d] g	kg	mm		DAKKS KERN	
FOB 0.5K-4NS	0,5	0,1	0,65	120x150		963-127	
FOB 5K-3NS	51	1	0,65	120x150		963-127	
FOB 7K-4NL	5 7,5	0,5 1	3,61	252x200		963-128	
FOB 10K-3NL	8 15	1 2	3,61	252x200		963-128	
FOB 30K-3NL	16 30	2 5	3,61	252x200		963-128	

Veterinary scales KERN EOB · EOB-F · EOE

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



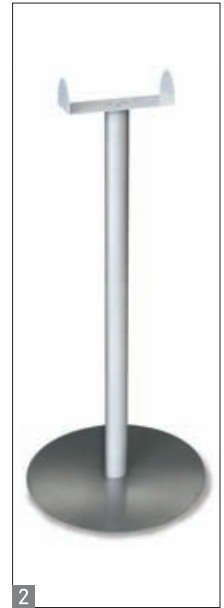
KERN EOB
Display device cable-connected
to platform



KERN EOB-F
Wireless communi-
cation 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 60 h
- Mains adapter (external) included

Accessories

- **1** Stand to elevate display device (for models with weighing plate sizes 310x305 mm), height of stand approx. 450 mm, KERN EOB-A01N
- **2** Stand, for all models EOB, EOB-F, EOE, height of stand approx. 950 mm, KERN MWS-A01
- Sturdy transport case to protect and store the scale, only for models with weighing plate sizes 310x305 mm and without stand, KERN MPS-A07

STANDARD



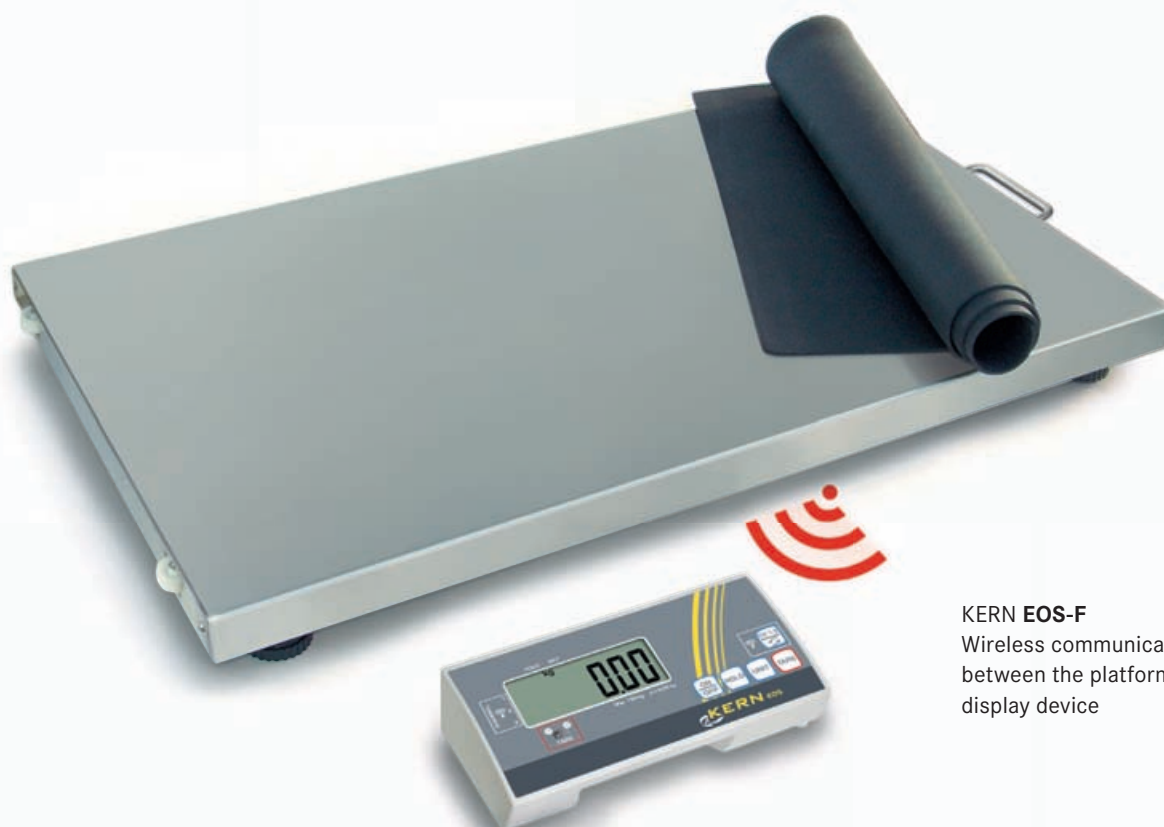
OPTION



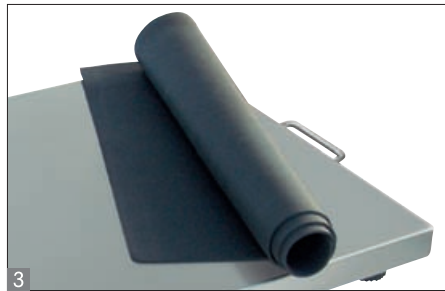
Model	Weighing range [Max] kg	Readout [d] g	Weighing plate mm	Cable length approx. cm	Net weight approx. kg		Option DAKKS Calibr. Certificate	
							DAKKS KERN	
KERN								
EOB 15K5	15	5	315x305x65	180	4		963-128	
EOB 35K10	35	10	315x305x65	180	4		963-128	
EOB 60K20	60	20	315x305x65	180	4		963-129	
EOB 60K20L	60	20	550x550x65	270	13,5		963-129	
EOB 35K-2F	35	10	315x305x65	-	4,2		963-128	
EOB 60K-2F	60	20	315x305x65	-	4,2		963-129	
EOB 60K-2LF	60	50	550x550x65	-	13,5		963-129	
EOB 150K-2F	150	50	315x305x65	-	4,2		963-129	
EOB 150K-2LF	150	50	550x550x65	-	13,5		963-129	
EOB 300K-1LF	300	100	550x550x65	-	13,5		963-129	
EOE 150K50XL	150	50	945x505x65	270	19,5		963-129	
EOE 300K100XL	300	100	945x505x65	270	19,5		963-129	

Veterinary scales 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



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 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
- 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 [Max] kg	Readout [d] kg	Cable length approx. cm	Net weight approx. kg	Option DAkkS Calibr. Certificate	
					DAkkS KERN	
KERN						
EOS 150K50XL	150	0,05	270	18,8	963-129	
EOS 300K100XL	300	0,1	270	18,8	963-129	
EOS 150K50XLF	150	0,05	–	22	963-129	
EOS 300K100XLF	300	0,1	–	22	963-129	



NEW



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

Features

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

Technical data

- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions stainless steel WxDxH
 - A** 300x240x86 mm
 - B** 400x300x89 mm
 - C** 500x400x135 mm
 - D** 650x500x133,5 mm
- Dimensions of display device WxDxH 232x170x80 mm
- Cable length of display device approx. 2,5 m
- Rechargeable battery pack internal standard, operating time up to 80 h without backlight, charging time approx. 12 h

Accessories

- Data interface RS-232, must be ordered at purchase, KERN KXS-A04
- Data interface RS-485, must be ordered at purchase, KERN KXS-A01
- **3** Foot switches for easy taring on balances or to trigger the PRINT function with your foot – in this way both hands remain free KERN KXS-A03
- Bluetooth data interface for wireless data transfer to PC, must be ordered at purchase, KERN KXS-A02

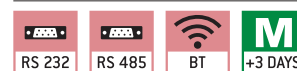
STANDARD



OPTION



FACTORY



Model	Measuring range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Net weight approx. kg	Weighing plate	Mandatory by law		Option	
							Verification		DAkKS Calibr. Certificate	
KERN							M	KERN	DAkKS KERN	
SXS 6K-3M	3 6	1 2	1 2	20 40	5,1	A	965-228		963-128	
SXS 10K-3M	6 15	2 5	2 5	40 100	5,1	A	965-228		963-128	
SXS 10K-3LM	6 15	2 5	2 5	40 100	11,8	B	965-228		963-128	
SXS 30K-2M	15 30	5 10	5 10	100 200	11,8	B	965-228		963-128	
SXS 30K-2LM	15 30	5 10	5 10	100 200	20,8	C	965-228		963-128	
SXS 60K-2M	30 60	10 20	10 20	200 400	11,8	B	965-229		963-129	
SXS 60K-2LM	30 60	10 20	10 20	200 400	20,8	C	965-229		963-129	
SXS 100K-2M	60 150	20 50	20 50	400 1000	20,8	C	965-229		963-129	
SXS 100K-2LM	60 150	20 50	20 50	400 1000	36,5	D	965-229		963-129	
SXS 300K-2M	150 300	50 100	50 100	1000 2000	36,5	D	965-229		963-129	

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



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

Features

- Thanks to the animal weighing function, it can also be used by vets. Compact so it can be stored in the vet's case and is ideally suited for heavy 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

HCB

- Ready for use: Batteries standard, 3 x 1,5 V AA, operating time approx. 300 h
- **1** HCB with [Max] ≥ 0,5 t: Reinforced versions for heavy loads. Snap link and hook not included

HCN

- Ready for use: Batteries included (2 x 1,5 V AA), operating time approx. 200 h
- **2** Housing stainless steel, IP65: Protected against dust and water splashes
- **3** Second display on the rear of the balance

Technical data

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

Accessories for models with [Max] ≤ 200 kg

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

STANDARD



OPTION



Model	Weighing range [Max] kg	Readout [d] kg	LCD display, digit height mm	Dimensions housing WxDxH mm	Height with snap link and hook mm	Net weight approx. kg	Option DAKKS Calibr. Certificate	
							DAKKS KERN	
KERN								
HCB 20K10	20	10	12	80x45x150	290	0,4	963-128H	
HCB 50K20	50	20	12	80x45x150	290	0,4	963-128H	
HCB 50K100	50	100	12	80x45x150	290	0,4	963-128H	
HCB 99K50	99	50	12	80x45x150	290	0,4	963-129H	
HCB 100K200	100	200	12	80x45x150	290	0,4	963-129H	
HCB 200K100	200	100	12	80x45x150	290	0,4	963-129H	
HCB 200K500	200	500	12	80x45x150	290	0,4	963-129H	
HCB 0.5T-3	500	1000	12	82x42,5x152	-	0,35	963-130H	
HCB 1T-3	1000	2000	12	80x45x150	-	0,52	963-130H	
stainless steel								
HCN 50K100IP	50	100	12	95x55x175	315	0,8	963-128H	
HCN 100K200IP	100	200	12	95x55x175	315	0,8	963-129H	
HCN 200K500IP	200	500	12	95x55x175	315	0,8	963-129H	

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.

"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

KERN Pictograms



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



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



Halogen illumination
For pictures bright and rich in contrast



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



Stainless steel:
The balance is protected against corrosion.



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



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



Suspended weighing:
Load support with hook on the underside of the balance.



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



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



Battery operation:
Ready for battery operation. The battery type is specified for each device.



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



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



Rechargeable battery pack:
Rechargeable set.



Phase contrast unit
For a higher contrast



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



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



Polarising unit
To polarise the light



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



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



Infinity system
Infinity corrected optical system



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



Strain gauges:
Electrical resistor on an elastic deforming body.



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



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



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



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



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



DAKkS calibration possible:
The time required for DAKkS calibration is shown in days in the pictogram.



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.



360° rotatable microscope head



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



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



Binocular Microscope
For the inspection with both eyes



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



Vibration-free weighing:
When the weighing conditions are unstable, a stable weight is calculated as an average value



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



Warranty:
The warranty period is shown in the pictogram.



Vibration-free weighing:
When the weighing conditions are unstable, a stable weight is calculated as an average value



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

Measuring technology, microscopy and testing services from a single source



Medical scales catalogue



Balances & Test service catalogue



Microscopes & refractometers catalogue



SAUTER measuring equipment catalogue



KERN DAKkS calibration service brochure

KERN – Your partner for Medical Scales

Quality & Experience

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

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 2014]



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 170 years

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



► 1844

KERN is founded – precision balances are produced



► 1863

A proud Gottlieb Kern with his staff



► 1880

Pharmaceutical balance with Aesculap



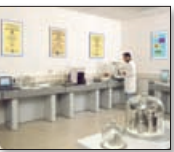
► 1923

Inflation – KERN wages are paid with self printed currency



► 1980

The electronic balance ousts mechanical devices



► 1994

Accredited DKD laboratory (ISO 17025)



► 2000

New premises in Balingen



► 2002

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



► 2007

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



► 2008

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



► 2009

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



► 2012

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



► 2013

Starting construction of Ziegelei 2.0 with computer-controlled high-bay warehouse



► 2014

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