

KERN & SOHN –
The wide range of product champion
that is situated in the Swabian Alb

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measuring technology from KERN online:
kern-sohn.com



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ambifood

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KERN®



MEDICAL SCALES

for clinics, doctors' surgeries, care facilities and vets

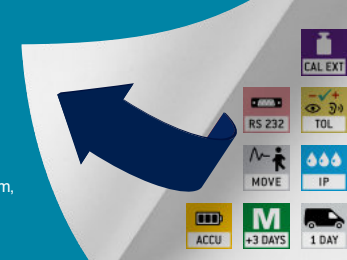
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■ Approved Medical Device
■ ECtype approval

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KERN Pictograms

	Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required		ZERO: Resets the display to "0"		Monocular Microscope: For the inspection with one eye
	Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.		Hold function: When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight		Binocular Microscope: For the inspection with both eyes
	Data interface RS-232: To connect the balance to a printer, PC or network		Hold function: 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
	RS-485 data interface: To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible		Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram cf. DIN EN 60529:2000-09, IEC 60529:1989+A1:1999+A2:2013		Abbe Condenser: With high numerical aperture for the concentration and the focusing of light
	Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals		Suspended weighing: Load support with hook on the underside of the balance		Halogen illumination: For pictures bright and rich in contrast
	WIFI 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		LED illumination: Cold, energy-saving and especially long-life illumination
	Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.		Rechargeable battery pack: Rechargeable set		Fluorescence illumination for compound microscopes: With 100 W mercury lamp and filter
	Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.		Battery operation rechargeable: Prepared for a rechargeable battery operation		Fluorescence illumination for compound microscopes: With 3 W LED illumination and filter
	PC Software: to transfer the measurements from the device to a PC		Universal plug-in power supply: with universal input and optional input socket adapters for A) EU, CH B) EU, CH, GB, USA		Phase contrast unit: For a higher contrast
	GLP/ISO log: With date and time. Only with KERN printers		Plug-in power supply: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available		Darkfield condenser/unit: For a higher contrast due to indirect illumination
	KERN Communication Protocol (KCP): It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems		Integrated power supply unit: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request		Polarising unit: To polarise the light
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight		Weighing principle: Strain gauges Electrical resistor on an elastic deforming body		Infinity system: Infinity corrected optical system
	Totalling level A: The weights of similar items can be added together and the total can be printed out		Peak hold function: capturing a peak value within a measuring process		Automatic temperature compensation: For measurements between 10 °C and 30 °C
	Weighing units: Can be switched to e.g. nonmetric units. Please refer to website for more details		Push and Pull: the measuring device can capture tension and compression forces		Verification possible: The time required for verification is specified in the pictogram
	Weighing with tolerance range (Check weighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model		Integrated scale: In the eyepiece		Package shipment: The time required for internal shipping preparations is shown in days in the pictogram
			360° rotatable microscope head		Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram

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KERN – Your partner for Medical scales

Quality & Experience

We are absolutely committed to making products available to you which are of excellent built 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 175 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 trained medical product advisers ensure rapid and competent product advice on all aspects of medical weighing technology.

Your advantages

fast

- 24 hour dispatch service for products in stock – order today, on its way tomorrow
- Sales & service hotline from 8:00 am to 5:00 pm

reliable

- Up to 3 years warranty
- Precision in weighing technology for more than 175 years

competent

- DAKK accreditation
DIN EN ISO/IEC 17025
- Certified QM system
DIN EN ISO 9001
- Authorisation for initial verification by the manufacturer
2014/ 31/ EU
- 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
- Find the product you want at lightning speed at www.kern-sohn.com

Promptness

The right product, at the right time, in the right place – that is our strength. With our sophisticated internal logistics system we make sure your order is ready for delivery within 24 hours (plus calibration/verification 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 Sauter, Managing Director
[Balingen, December 2022]

Retailer information

Sales conditions

All prices are valid as of January 1st 2023. Subject to change without notice. Current prices at www.kern-sohn.com. In Europe, all prices do not include the applicable V.A.T.

Extract from general terms and conditions: Court of jurisdiction/ Legal domicile: 72336 Balingen, Germany; Commercial register N°: HRB400865, AG Stuttgart; Managing director: Albert Sauter. For the full Terms and Conditions, please refer to the website. www.kern-sohn.com/en/kern/agbs.html

Price and product changes are likely in individual cases, due to product modifications as well as errors.

Sale or return: within 14 days of purchase. Not valid for customised items, such as special orders or test services, such as e.g. calibration, verification etc. Depending on the time and effort involved, there may be processing and storage costs, please ask for details.

Warranty:
3 years for products with list price ≥ € 500.00
2 years for components as well as products with list price < € 500.00
Does not apply to consumables such as batteries, rechargeable battery packs, etc.

Balances in the legally regulated range (verification) must comply with the commercial error limits during the verification validity period – these usually amount to twice the permissible error limits. If this verification period expires, a re-verification must be carried out. If an adjustment of the scale to comply with the permissible error limits is necessary to pass this re-verification, this does not constitute a warranty claim.

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

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

KERN – Measuring technology, microscopy and testing services from a single source

				
Medical scales catalogue	Balances & Test service catalogue	Microscopes & refractometers catalogue	SAUTER measuring equipment catalogue	Test service brochure

Repair/Reverification

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

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

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

What is good about KERN

You have no storage costs – we maintain the storage.

Direct dispatch of ordered goods to your customer is available, invoice will be issued to you (third party business).

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

DAkkS-Certificate

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

Other information

For balances with build-type approval for verification, which are delivered without verification, it is not possible to carry out the verification at a later date. Without verification, these balances are not medical products in accordance with 93/42/EEC and must therefore not be used in medical applications.

Earth's gravitational force

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

APPROVED MEDICAL DEVICES



KERN MBA

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

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

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

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

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

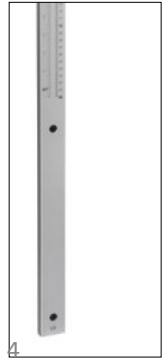
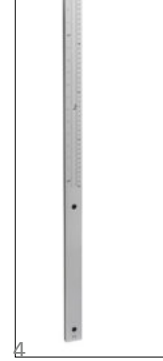
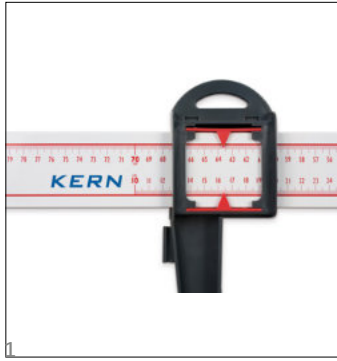
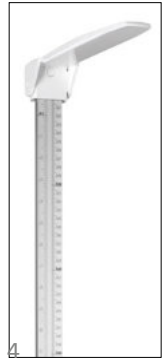
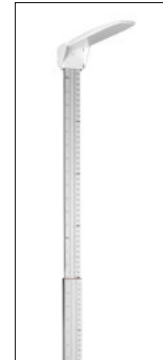
Verified medical personal scales with a maximum resolution of 3000 digits are classified as Verification Class III (see type plate).

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

KERN & SOHN GmbH does not accept responsibility for this.



KERN MPE-H



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

MSB 80

- 1 Portable mechanical height rod
- Approved as a medical device according to 93/42/EEC
- For babies up to a maximum of 80 cm
- Large guide surfaces make handling easier (aligning, shifting, reading)
- Measuring scale begins with 0 on the right and left, so it can be used in both directions
- Height rod can be taken apart for compact storage

MBA-A01

- 2 Portable mechanical height rod
- Approved as a medical device according to 93/42/EEC
- For babies up to a maximum of 80 cm
- Robust construction
- Compact size
- Easy and hygienic cleaning
- Readability on scale with moveable stop
- Large guide surfaces make handling easier (aligning, shifting, reading)

MSC 100

- 3 Portable mechanical height rod
- Approved as a medical device according to 93/42/EEC
- For infants up to a maximum of 100 cm
- Readability on scale with moveable stop
- Sturdy aluminum profile
- Stop can be folded for compact storage

MSF 200

- 4 Mechanical height rod
- Approved as a medical device according to 93/42/EEC
- Readability on scale with moveable stop
- Readability on scale with moveable, foldable stop or mounting on KERN scales MPS-PM (see page 10), MPB-P (see page 39) or wall-mounted
- Sturdy aluminum profile

STANDARD



Model	Measuring range	Increments	Overall dimensions W×D×H	Net weight approx.	Price excl. of VAT ex works €
KERN	cm (inch)	mm (inch)	mm	kg	
MSB 80	10–80	1	880×330×100	0,70	100,-
MBA-A01	30–80 (114/5–311/2)	1 (1/16)	850×240×60	0,40	120,-
MSC 100	6,5–100 (21/2–39¼)	1 (1/16)	1020×290×50	0,70	120,-
MSF 200	60–205 (231/2–783/4)	1 (1/16)	53×40×1000	0,80	110,-



Baby scale KERN MBC · MBC-E

Elegantly-shaped baby scale – with ECtype approval class III and approval for professional mobile or stationary medical use in medical diagnostics





Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Popular in paediatrics: the large tray, with its optimal ergonomic curvature, is ideal for the safe weighing of babies
- 1 Special function for neonatology centres: Difference function for calculating the weight gain before and after feeding
- Robust ABS plastic. Easy and hygienic cleaning
- Secure and non-slip positioning with rubber feet
- Hold function: When patients do not lie completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the young patient first and then read the weight reading in peace
- KERNMBC: Protective working cover included with delivery
- KERNMBC-E: Identical in construction to the MBC but without mains adapter, at a particularly attractive price, especially suitable for mobile use, e.g. for midwives

Technical data

- Backlit LCD display, digit height 25 mm
- Dimensions of tray W×D×H 600×280×55 mm
- Overall dimensions W×D×H 320×410×70 mm
- Overall dimensions incl. optional height rod W×D×H 600×407×120 mm
- KERNMBC: Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- KERNMBC-E: Batteries included, 6×1.5 V AA, operating time up to 20 h
- Net weight approx. 4,6 kg

Accessories

- 2 Mechanical height rod to fix to the scale, measuring range 10 cm–80 cm, increments of 1 mm, KERNMBC-A01, € 157,-
- 3 Foot/head rest to fix to the lying surface for even more safety when weighing small children, scope of delivery: 1 head rest and 1 foot rest, KERNMBC-A05, € 125,-
- 5 Carrying case for mobile use, only for models without height rod, KERNMBC-A02, € 59,-

- 4 Protective working cover over the display device, scope of delivery: 5 items, KERNMBC-A06S05, € 44,-
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, only in combination with KERNYKA-44, KERNMBC-A08, € 66,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERNMYC-01, € 59,-
- External mains adapter, 100 V–240 V, Standard EU, CH, UK, KERNYKA-43, € 95,-
- External mains adapter, 100 V–240 V, Standard EU, KERNYKA-44, € 49,-

STANDARD	OPTION	FACTORY
MOVE BATT MULTI 1 DAY	ACCU MULTI MBC-E	M +3 DAYS *

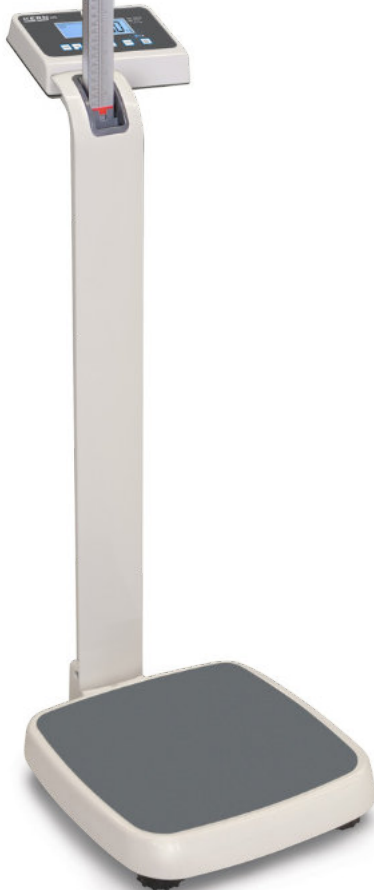
Model	Weighing capacity		Readability		Verification value		Price excl. of VAT ex works €	Mandatory by law Verification	
	[Max]	kg	[d]	kg	[e]	kg		KERN	€
KERN MBC 15K2DEM	6 15		0,002 0,005		0,002 0,005		370,-	965-128.	35,-
KERN MBC 15K2DM	6 15		0,002 0,005		0,002 0,005		410,-	965-128.	35,-
KERN MBC 20K10EM	20		0,01		0,01		370,-	965-128.	35,-
KERN MBC 20K10M	20		0,01		0,01		410,-	965-128.	35,-

* 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.



Personal floor scale KERN MPE - MPE-E

High quality personal floor scale with BMI function – with ECtype approval and approval for professional medical use in medical diagnostics



KERN MPE-H
with stand and
height rod



KERN MPE-P
with stand



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 scale, which makes it easy for both the patient and the doctor or nursing staff to read the weight
- 2 The MPE-H model has an elegant height rod integrated into the column, which can be pulled out for use and has a sturdy plastic head rest and a measuring range from 88-205 cm
- The ergonomically optimised shape and robust design mean that this range is ideal for daily use in a professional environment
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- Hold function: When patients do not stand completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- Mother and child function: the parent's weight will be taken and then the scale will be reset to zero at the push of a button. Afterwards then the parent 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 the parent while being weighed

- BMI function to determine underweight/normal weight/surplus weight
- High resolution readability: Readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- Data interface RS-232 as standard
- 3 Easy to transport thanks to the two integrated transport wheels
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery
- KERNMPE-E: Identical in construction to Kern MPE, however without mains adapter, only battery operation. With a particularly attractive price

Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions WxDxH 365x360x80 mm
- Overall dimensions WxDxH
MPE-PM: 365x570x1030 mm
MPE-HM: 365x570x2134 mm, with extracted height rod
- Net weight approx. 12 kg

KERN MPE

- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard

KERN MPE-E

- Batteries included, 6x1.5 V AA, operating time up to 20 h

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERNMPE-A01S05, € 44,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20x22 cm per cloth, KERNMYC-01, € 59,-
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERNMBC-A08, € 66,-
- External mains adapter, 100 V – 240 V, Standard EU, CH, UK, KERNYKA-43, € 95,-
- External mains adapter, 100 V – 240 V, Standard EU, KERNYKA-44, € 49,-
- Interface cable RS-232 to connect an external device, KERNCFSA01, € 50,-
- Matrix needle printer, KERNYKN-01, € 310,-
- Universal label printer, KERNYKE-01, € 790,-
- Thermal printer, KERNYKB-01N, € 390,-
- For further details, plenty of further accessories and suitable printers, see Internet

STANDARD					OPTION		FACTORY
RS 232	MOVE	BATT	MULTI	1 DAY	ACCU	MULTI	M +3 DAYS
MPE					MPE-E		*

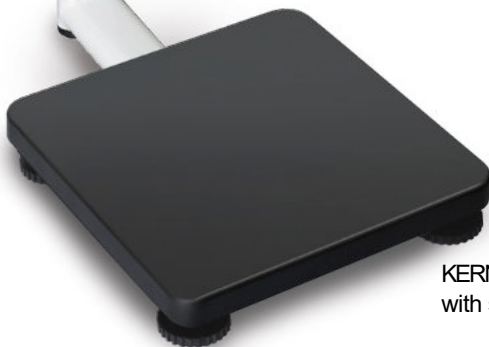
* Within the EU, official verification is mandatory by law for scales that are intended for use as a medical device. Please add this to your order. We require the location of use and the post code for the verification.

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification	
						€
KERN	[Max] kg	[d] kg	[e] kg			
MPE 200K-1PEM	250	0,1	0,1	610,-	965-129	56,-
MPE 250K100PM	250	0,1	0,1	650,-	965-129	56,-
MPE 200K-1HEM	250	0,1	0,1	650,-	965-129	56,-
MPE 250K100HM	250	0,1	0,1	700,-	965-129	56,-



Personal floor scale KERNMPS

Stylish personal floor scale with BMI function – with ECtype approval and approval for professional medical use in medical diagnostics



KERNMPS-PM
with stand



KERNMPS-M
with free-standing
display device

Personal floor scale KERNMPS



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
- Easy and hygienic cleaning
- 1 Secure and non-slip positioning with height-adjustable rubber feet
- 1 Level indicator to level the balance precisely
- Hold function: When patients do not stand completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/normal weight/surplus weight
- 2 Wall mount for display device, standard
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- LCD display, digit height 25 mm
- Weighing plate dimensions WxDxH 275x295x58 mm
- Dimensions of display device WxDxH 216x110x47 mm
- MPS-M: Cable length of display device approx. 1,21 m
- Overall dimensions WxDxH
MPS-M: 275x295x58 mm
MPS-PM: 275x445x1020 mm (incl. stand)
- Battery operation possible, 6x1.5 V AA not included, operating time up to 50 h
- Mains adapter external, standard
- Data interface RS-232 as standard
- Net weight
MPS-M: approx. 4,2 kg
MPS-PM: approx. 7 kg

Accessories

- 3 Mechanical height rod, measuring range: 60 cm – 205 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, KERNMSF 200, € 110,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20x22 cm per cloth, KERNMYC-01, € 59,-
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 14 h, KERNFOB-A08, € 70,-
- Interface cable RS-232 to connect an external device, KERNMPS-A08, € 50,-
- Matrix needle printer, KERNYKN-01, € 310,-
- Universal label printer, KERNYKE-01, € 790,-
- Thermal printer, KERNYKB-01N, € 390,-
- For further details, plenty of further accessories and suitable printers, see Internet

STANDARD	OPTION	FACTORY
RS 232 MOVE BATT MULTI 1 DAY	ACCU	M +3 DAYS

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification	€
	[Max] kg	[d] kg	[e] kg		KERN	
KERN MPS200K100M	200	0,1	0,1	450,-	965-129	56,-
KERN MPS200K100PM	200	0,1	0,1	730,-	965-129	56,-

* 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.



Personal floor scale KERNMPC

Compact personal floor scale – with ECtype approval and approval for professional medical use in medical diagnostics



KERNMPC 250K100M



Special obesity model
KERNMPC 300K-1LM



Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/ EEC
- The bestseller for doctor's surgeries, chemists and hospitals
- Robust design for daily use in a professional environment
- Easy and hygienic cleaning
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- KERNMPC300K-1LM: Version with [Max] = 300 kg and larger weighing plate. Specially suitable for weighing overweight patients who are in the obese category
- 1 KERNMPC300K-1LM: Sturdy handle for easy transportation of the scale
- 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 readability: Readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- BMI function to determine underweight/normal weight/surplus weight

- Hold function: When patients do not stand completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- Mother and child function: the parent's weight will be taken and then the scale will be reset to zero at the push of a button. Afterwards then the parent 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 the parent while being weighed
- GLP/ISO report, printout of weight value, BMI etc. with date and time. FLP/GMP-compliant print form in DE, EN, FR, only in combination with RS-232 interface cable KERNCFSA01 + MPC-A01 and printer KERNYKB-01N
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of display device WxDxH 200x130x60 mm
- Cable length of display device approx. 1,8 m
- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERNMBC-A06S05, € 44,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20x22 cm per cloth, KERNMYC-01, € 59,-
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERNMBC-A08, € 66,-
- External mains adapter, 100 V – 240 V, Standard EU, CH, UK, KERNYKA-43, € 95,-
- External mains adapter, 100 V – 240 V, Standard EU, KERNYKA-44, € 49,-
- RS-232 data interface, must be ordered at purchase, KERNMPC-A01, € 105,-
- Interface cable RS-232 to connect an external device, KERNCFSA01, € 50,-

STANDARD OPTION FACTORY

GLP PRINTER MOVE BATT MULTI 1 DAY ACCU RS 232 +3 DAYS M

Model	Weighing capacity	Readability	Verification value	Weighing plate	Net weight approx.	Price excl. of VAT ex works €	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg	mm	kg		KERN €
KERN MPC250K100M	250	0,1	0,1	365x370x80	9	450,-	965-129 56,-
MPC300K-1LM	300	0,1	0,1	400x500x120	10	720,-	965-129 56,-

* 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.



Step-on personal floor scale KERNMPD - MPD-E

Professional step-on personal floor scale approved as a medical device and with ECtype approval





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 waste of time – simply tap on it, stand on it, read the weight
- Robust design for daily use in a professional environment
- Ergonomically optimised design
- Easy and hygienic cleaning
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- 2 KERNMPD200K-1EM: Identically to MPD 250K100M though without backlight and mains adapter, battery operation only, due to the reduced resolution higher display performance. Especially attractive in price
- 3 Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- KERNMPD: Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Weighing plate dimensions WxDxH 365x360x80 mm
- Dimensions of display device WxDxH 200x130x60 mm
- Overall dimensions WxDxH 365x490x120 mm
- Net weight approx. 9 kg

MPD250K100M

- Large backlit LCD display, digit height 25 mm
- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard

MPD 200K-1EM

- Large LCD display, digit height 25 mm, without backlight
- Practical battery operation, batteries included, 6x1.5 V AA, operating time up to 20 h

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERNMBC-A06S05, € 44,-
- 4 Cleaningcloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20x22 cm per cloth, KERNMYC-01, € 59,-

Only MPD 250K100M:

- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERNMBC-A08, € 66,-
- External mains adapter, 100 V – 240 V, Standard EU, CH, UK, KERNYKA-43, € 95,-
- External mains adapter, 100 V – 240 V, Standard EU, KERNYKA-44, € 49,-

STANDARD	OPTION	FACTORY
BATT MLTI 1 DAY MPD	ACCU MPD	M +3 DAYS *

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification KERN €
KERN	[Max] kg	[d] kg	[e] kg		
MPD 250K100M	250	0,1	0,1	445,-	965-129 56,-
MPD 200K-1EM	250	0,2	0,2	405,-	965-129 56,-

* 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.



Wheelchair platform scale KERNMWA

Wheelchair platform scale with two integrated access ramps for easy access – with ECtype approval and approval for professional medical use in medical diagnostics



4 **KERN MWA 300K-1M + MWA-A04**
With the two practical handrails with the integrated, folding patient seat, you can convert the wheelchair platform scale into a multi-functional scale quickly and easily. This way patients can be weighed standing up, with support from the handrail or in a comfortable seated position. If you fold the patient seat up, then a wheelchair can be pushed or driven onto the scale. The strut rod included with delivery ensures a high level of stability and torsional rigidity. The drive-through protection which is also fitted as standard for the front wheels of the wheelchair gives an extra level of safety



3 **KERNMWA-A02:** Handrail, without column, cannot be folded, for self-assembly on the KERNMWA300K-1M wheelchair platform scale or MWA300K-1PM. With the two practical handrails with the integrated, folding patient seat, you can convert the KERNMWA300K-1M 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 in a comfortable seated position

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 of the low-profile platform which can be approached from either side
- 1 The large steel weighing plate also makes it ideal for weighing obese patients
- Level indicator to level the balance precisely
- Hold function: When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- 2 KERNMWA 300K-1PM: Wheelchair platform scale with practical handrail incl. column for easy, ergonomic mounting of the display device. The handrail offers patients that extra level of safety when driving or stepping onto the weighing platform
- 2 Both access ramps and the handrail can be folded up quickly and easily, e.g. for transportation
- BMI function to determine underweight/ normal weight/surplus weight
- Battery- or mains-powered, rechargeable battery operation optional

- High resolution readability: Readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- GLP/ISO report, printout of weight value, BMI etc. with date and time. FLP/GMP-compliant print form in DE, EN, FR, only in combination with RS-232 interface cable KERNCFSA01 and printer KERNYKB-01N
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of weighing surface WxD 880x840 mm
- Dimensions of display device WxDxH 200x130x60 mm
- Cable length of display device approx. 3 m
- Overall dimensions, without handrail, WxDxH 1180x1130x90 mm
- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 70 kg

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERNMBC-A06S05, € 44,-

- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20x22 cm per cloth, KERNMYC-01, € 59,-
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERNMBC-A08, € 66,-
- External mains adapter, 100 V – 240 V, Standard EU, CH, UK, KERNYKA-43, € 95,-
- External mains adapter, 100 V – 240 V, Standard EU, KERNYKA-44, € 49,-
- Interface cable RS-232 to connect an external device, KERNCFSA01, € 50,-
- 3 Handrail, lacquered steel, dimensions WxDxH approx. 560x40x920 mm, scope of supply: handrail, fasteners, net weight approx. 4,0 kg, KERNMWA-A02, € 151,-
- 4 MWA300K-1M: Handrail kit with folding patient seat, please add this to your order, retrofitting is not possible, KERNMWA-A04, € 980,-
- Matrix needle printer, KERNYKN-01, € 310,-
- Universal label printer, KERNYKE-01, € 790,-
- Thermal printer, KERNYKB-01N, € 390,-
- For further details, plenty of further accessories and suitable printers, see Internet

STANDARD

RS 232	GLP PRINTER	MOVE	IP 65	BATT	MULTI	2 DAYS
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OPTION FACTORY

ACCU	M +3 DAYS
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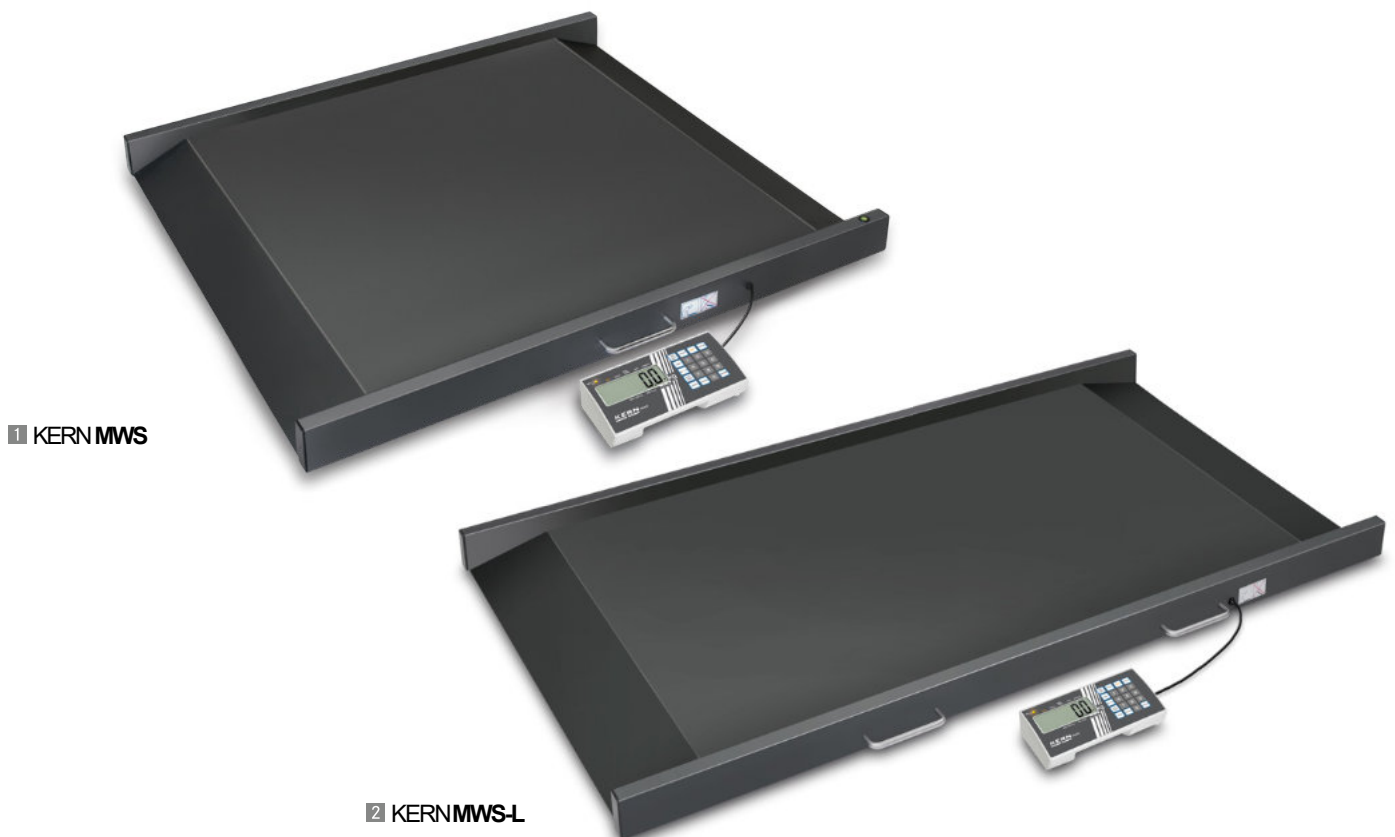
Model	Weighing capacity	Readability	Verification value	Weighing surface	Price excl. of VAT ex works €	Mandatory by law Verification	
						M III KERN	€
KERN	[Max] kg	[d] kg	[e] kg	mm			
MWA 300K-1M	300	0,1	0,1	880x840	1810,-	965-129	56,-
MWA 300K-1PM	300	0,1	0,1	880x840	1880,-	965-129	56,-

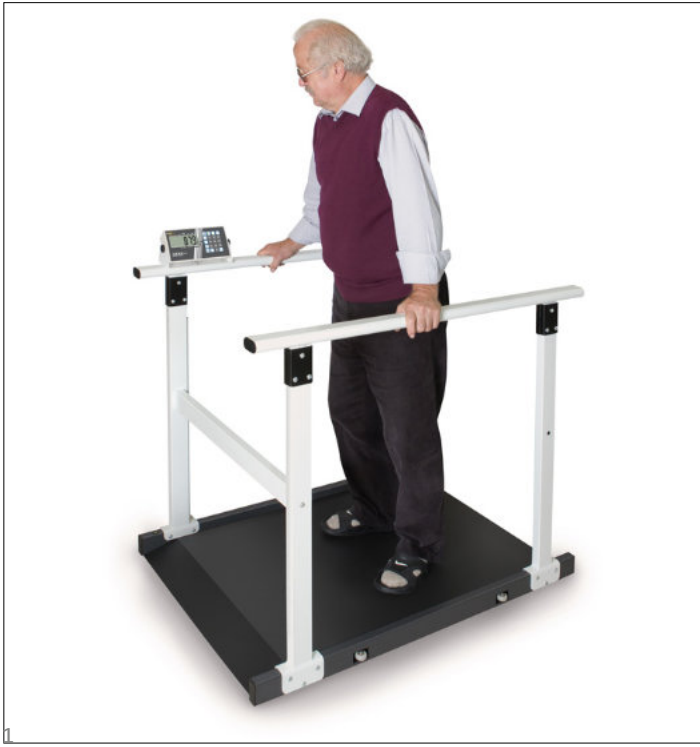
* Within the EU, official verification is mandatory by law for scales that are intended for use as a medical device. Please add this to your order. We require the location of use and the post code for the verification.



Wheelchair platform scale KERNMWS Stretcher scale KERNMWS-L

Wheelchair platform scale and stretcher scale with low overall height for easy access – with EC type approval class III 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 and the memory function for tare weights for up to five (electric) wheelchairs
- 1 KERNMWS: Three balances in one: With the practical KERNMWS-A02 handrail set, the wheelchair platform scale KERNMWS300K100M 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
- 2 KERNMWS-L: Due to its large dimensions and large weighing capacity, it is especially suitable for weighing immobile patients on stretchers or wheelchairs
- The large steel weighing plate also makes it ideal for weighing obese patients
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely

- Hold function: When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/ normal weight/surplus weight
- The scale can be easily transported using the handle and two rollers and does not require much storage space
- Display device with two magnets on the back, ideal to fix it to metallic surfaces, e.g. to the weighing plate during transportation
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- LCD display, digit height 25 mm
- Dimensions of display device W×D×H 210×110×50 mm
- Cable length of display device approx. 1,85 m
- Overall dimensions W×D×H
MWS300K100M: 1150×849×73 mm
MWS400K100DM: 1255×1060×69 mm
MWS300K-1LM: 1500×860×68 mm
- Battery operation possible, 6×1.5 V AA not included, operating time up to 50 h
- Mains adapter external, standard

Accessories

- 1 Handrail set to fit to the wheelchair platform scale KERNMWS300K100M, W×D×H approx. 60×1150×900 mm. Scope of delivery: two handrails, a stability bar, fasteners, Overall dimensions W×D×H 1155×830×65 mm (MWS300K100M + MWS-A02), KERNMWS-A02, € 665,-
- Stand to elevate display device, height of stand approx. 950 mm, KERNMWS-A01, € 245,-
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERNMYC-01, € 59,-
- Internal rechargeable battery pack, operating time up to 45 h without backlight, charging time approx. 14 h, KERNFOB-A08, € 70,-
- Interface cable RS-232 to connect an external device, KERNMPS-A08, € 50,-
- Matrix needle printer, KERNYKN-01, € 310,-
- Universal label printer, KERNYKE-01, € 790,-
- Thermal printer, KERNYKB-01N, € 390,-
- For further details, plenty of further accessories and suitable printers, see Internet

STANDARD					OPTION		FACTORY	
RS 232	MOVE	BATT	MULTI	2 DAYS	ACCU	+3 DAYS		

Model	Weighing capacity [Max] kg	Readability [d] kg	Verification value [e] kg	Weighing plate mm	Net weight approx. kg	Price excl. of VAT ex works €	Mandatory by law Verification	
								€
KERN								
MWS300K100M	300	0,1	0,1	910×740	30	1550,-	965-129	56,-
MWS400K100DM	300 400	0,1 0,2	0,1 0,2	1000×1000	44	2090,-	965-130	83,-
MWS300K-1LM	300	0,1	0,1	800×1200	42	2090,-	965-129	56,-

* 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.



Handrail scale KERNMTA

Sturdy handrail scale for a secure feeling during weighing – with ECtype 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
- Ideal for care homes, centres for geriatric medicine, internal medicine and many more
- 1 The sturdy support structure helps fragile and weak patients to stand safely and, at the same time, allows a precise determination of the patients' weight
- Large surface, for the patient to have the most secure footing, hygienic and easy to clean
- Particularly easy access to the platform through its low height of just 30 mm
- Level indicator to level the balance precisely
- Hold function: When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- 2 Practical second display on the back of the scale, which makes it easy for both the patient and the doctor or nursing staff to read the weight
- BMI function to determine underweight/ normal weight/surplus weight
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, Digit height 25 mm
- Dimensions of display device WxDxH 200x55x128 mm
- Dimensions weighing surface WxD 600x600 mm
- Weighing plate dimensions WxDxH 780x680x68 mm
- Overall dimensions WxDxH 780x680x1100 mm
- Optional battery operation, 6x1.5 V AA not included in scope of delivery, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 42 kg

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERNMPE-A01S05, € 44,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20x22 cm per cloth, KERNMYC-01, € 59,-
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERNMBC-A08, € 66,-
- External mains adapter, 100 V – 240 V, Standard EU, CH, UK, KERNYKA-43, € 95,-
- External mains adapter, 100 V – 240 V, Standard EU, KERNYKA-44, € 49,-
- Interface cable RS-232 to connect an external device, KERNCF5-A01, € 50,-
- Matrix needle printer, KERNYKN-01, € 310,-
- Universal label printer, KERNYKE-01, € 790,-
- Thermal printer, KERNYKB-01N, € 390,-
- For further details, plenty of further accessories and suitable printers, see Internet

STANDARD						OPTION		FACTORY	
RS 232	PRINTER	MOVE	BATT	MLTI	2 DAYS	ACCU	M	+3 DAYS	*

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

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification KERN €
KERN MTA 400K-1M	[Max] kg 300 400	[d] kg 0,1 0,2	[e] kg 0,1 0,2	2540,-	965-130 83,-



Chair scale KERN MCB

Mobile chair scale with four steerable wheels – with ECtype approval and approval for professional medical use in medical diagnostics



Chair scale KERNMCB



Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- 1 Mobile version with particularly convenient locking brakes on all four wheels
- With its four wheels, this chair scale provides maximum mobility in bringing the scale to the patient. This ensures more efficient use of time for the clinic staff and greater safety for the patients who can be weighed in their familiar environment
- The four steerable rollers, with their large diameter, make it easier to get over door thresholds, edges and across the gaps into elevators
- This chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can weigh overweight people up to 300 kg
- For fragile patients, the comfortable, ergonomically optimised seat offers secure support during weighing
- 2 Two foldable armrests and footrests make transfers into the chair easier. Ideal for overweight patients or barrier-free use, e.g. for transfers from a bed to the scale
- Hold function: When patients do not sit completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace

- BMI function to determine underweight/normal weight/surplus weight
- 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
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- 3 LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Dimensions of seating surface WxD 380x360 mm
- Overall dimensions WxDxH 647x860x910 mm
- Battery operation possible, 6x1.5 V AA not included, operating time up to 50 h
- Mains adapter external, standard
- Net weight approx. 22 kg

Accessories

- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20x22 cm per cloth, KERNMYC-01, € 59,-
- Internal rechargeable battery pack, operating time up to 50 h without backlight, charging time approx. 14 h, KERNFOB-A08, € 70,-
- Interface cable RS-232 to connect an external device, KERNMPS-A08, € 50,-
- Matrix needle printer, KERNYKN-01, € 310,-
- Universal label printer, KERNYKE-01, € 790,-
- Thermal printer, KERNYKB-01N, € 390,-
- For further details, plenty of further accessories and suitable printers, see Internet

STANDARD	OPTION	FACTORY
RS 232 MOVE BATT MLIIT 2 DAYS	ACCU	+3 DAYS

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification KERN €
KERN MCB300K100M	[Max] kg 300	[d] kg 0,1	[e] kg 0,1	1650,-	965-129 56,-

* 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.



Chair scale KERNMCC

Ergonomically optimised chair scale
– with ECtype approval and approval
for professional medical use in
medical diagnostics



Chair scale KERNMCC



Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- This chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can weigh overweight people up to 250 kg
- 1 Mobile version with two steerable rollers and particularly convenient locking brakes at the rear
- With its four wheels, this chair scale provides maximum mobility in bringing the scale to the patient. This ensures more efficient use of time for the clinic staff and greater safety for the patients who can be weighed in their familiar environment
- The rollers, with their large diameter, make it easier to get over door thresholds, edges and across the gaps into elevators
- For fragile patients, the extra wide, comfortable, ergonomically-optimised seat offers safe, secure seating during weighing
- Because of the clearly contrasting black colour of the seating surface, footrests and armrests ideally suitable for dementia patients
- 2 Two foldable armrests and footrests make transfers into the chair easier. Ideal for overweight patients or barrier-free use, e.g. for transfers from a bed to the scale
- 3 Ergonomically positioned carrying handles

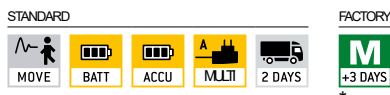
- Hold function: When patients do not sit completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/normal weight/surplus weight
- High resolution readability: Readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- Protective working cover included with delivery

Technical data

- 3 Large backlit LCD display, digit height 25 mm
- Dimensions of display device WxDxH 200x130x60 mm
- Dimensions of seating surface WxD 390x360 mm
- Overall dimensions WxDxH 625x990x985 mm
- Rechargeable battery pack integrated, as standard, operating time up to 40 h without backlight, charging time approx. 12 h
- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- 4 External mains adapter as standard, with strain-relief and disconnecter plug to protect the power supply components
- Net weight approx. 24 kg

Accessories

- 5 Practical mains adapter pouch to store the mains adapter which is supplied as standard. Fitting option using two Velcro fasteners, KERNMCC-A01, € 38,-
- Protective working cover over the display device, scope of delivery: 5 items, KERNMBC-A06S05, € 44,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20x22 cm per cloth, KERNMYC-01, € 59,-



Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification KERN €
KERN MCC250K100M	[Max] kg 250	[d] kg 0,1	[e] kg 0,1	1550,-	965-129 56,-

* 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.

KERN Premium Line

Integratable (IoT-ready) balances with high-end performance

The capacity to integrate – the answer to the digitization requirements of today and in the future

→Our KERN Premium Line models ensure that you are future-proofed, right now. Thanks to the built-in WiFi interface (factory option for KERNMBA), these models can be integrated into existing or future EMR and EHR systems and thus into the hospital networks.*

→The KERN Universal Port (KUP) enables greater flexibility and individualisation in terms of interfaces such as, for example RS-232, USB, Bluetooth or Ethernet – available for all KERN Premium Line models, without any installation outlay.*

→No manual data transfer thanks to the alibi memory as a factory option: Storing through the print key or remote control command: Date, time, alibi ID, weight (net, gross, tare). The data can be recalled through remote control commands or exported to Excel. Documentation or transfer errors are therefore eliminated and processes are accelerated.*

→There are no additional costs at all, as you do not need software or a maintenance contract. Balances can be integrated by the users themselves.

→A standardised concept of operation simplifies handling different products, as the menu structure is the same across all models.*

→Thanks to the standard power supply, optional rechargeable battery pack (except for KERNMBA) or battery option, the user is not tied to a particular location.

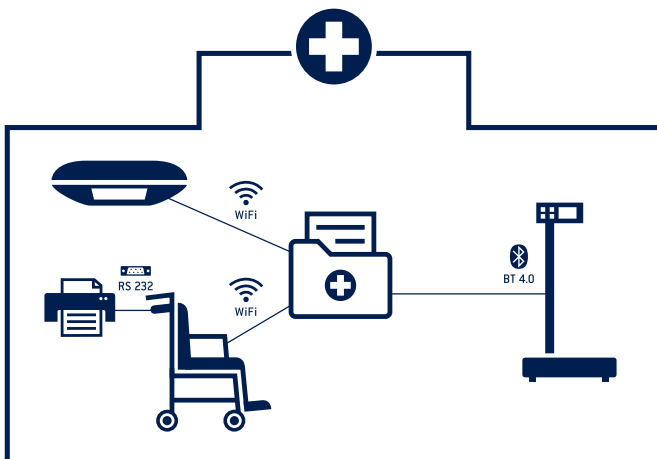
With KERN you are ready for the future of weighing in the Internet of Things. Get IOT ready – with the Premium Line models. Discover these products on the following pages.

Note: All KERN Premium Line models in this catalogue are marked with the IOT-ready symbol.

* the KERNMBA is not included



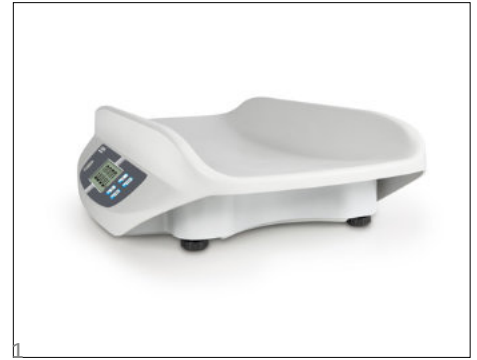
KERN MPN



The very best networking options in hospitals and care institutions with the IOT-ready models in the KERN Premium Line

Flexible application possibilities thanks to the optional rechargeable battery pack – battery can simply be inserted into the battery compartment





Compact baby scale with special Safe-Guardtray with ECtype approval and approval for professional mobile or stationary medical use in medical diagnostics

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/ EEC
- Modern design
- 1 Safe-Guardtray: the special, particularly recessed tray with raised side bolsters offers optimum conditions for the safe weighing of babies
- Large, insensitive plastic tray, without corners and edges, therefore particularly hygienic and easy to clean
- Lightweight, compact design, therefore easy to transport and store
- Secure and non-slip positioning with height-adjustable rubber feet
- Easy to use
- Hold function: When patients do not lie completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the young patient first and then read the weight reading in peace
- Integrated AUTO-OFF function to preserve the batteries

Technical data

- LCD display, digit height 25 mm
- Dimensions of tray W×D 600×260 mm
- Overall dimensions W×D×H 600×360×141 mm
- Batteries included, 6×1.5 V AA, operating time up to 20 h (up to 50 h without using WiFi)
- Net weight approx. 4,6 kg

Accessories

- 2 Mechanical height rod to fix to the scale, measuring range 30 cm–80 cm, increments of 0,1 cm, KERNMBA-A01, € 120,-
- WiFi data interface to transfer data from balances to PC or tablet, must be ordered at purchase, (Factory Option) KERNYMI-A01, € 97,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERNMYC-01, € 59,-
- External mains adapter, 100 V–240 V, Standard EU, CH, UK, KERNYKA-43, € 95,-



Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification KERN	€
KERN MBA 10K-3M	[Max] kg 15	[d] kg 0,005	[e] kg 0,005	540,-	965-128.	35,-

* 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.



Personal floor scale KERNMPN-P · MPN-H

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



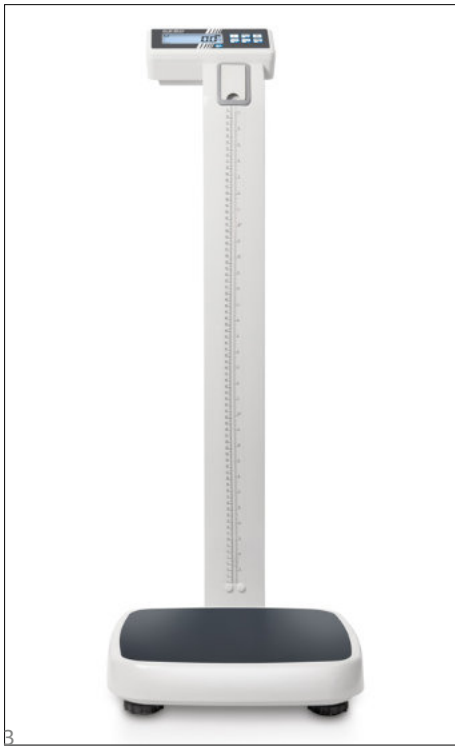
KERNMPN-H
with stand and
height rod



KERNMPN-P
with stand

NEW





Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/ EEC
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records, as soon as this is launched as a comprehensive service. By doing this, any documentation or transfer errors which occur during manual data transfer are eliminated. Thanks to this technology, this model can be integrated into existing or future EMR and EHR systems and ensures that your investment is future-proofed right now
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS232, USB, Bluetooth or Ethernet, for the exchange of data and control commands, without any installation outlay
- 1 Practical second display on the back of the scale, which makes it easy for both the patient and the doctor or nursing staff to read the weight
- 2 The MPN-HM model has an elegant height rod integrated into the column, which can be pulled out for use and has a sturdy plastic head rest and a measuring range from 89–205 cm
- 3 Patients with a height below 80 cm can be measured using the measuring scale fitted on the column

- 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
- Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- Hold function: When patients do not stand completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- Mother and child function: the parent’s weight will be taken and then the scale will be reset to zero at the push of a button. Afterwards then the parent 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 the parent while being weighed
- BMI function to determine underweight/ normal weight/surplus weight
- High resolution readability: Readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- 5 Easy to transport thanks to the two integrated transport wheels
- 4 Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions W×D×H 365×360×80 mm
- Overall dimensions W×D×H MPN-PM: 365×570×1030 mm MPN-HM: 365×570×2134 mm, with extracted height rod
- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 12 kg

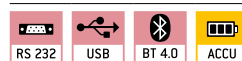
Accessories

- Internal rechargeable battery pack, operating time up to 48 h, charging time approx. 8 h, KERNYMR-01, € 55,-
- External data interface RS-232, Interface cable included, KERNYKUP-01, € 68,-
- External data interface USB, Interface cable included, KERNYKUP-03, € 98,-
- External mains adapter, 100–240 V, 50–60 Hz, Standard EU, UK, KERNYKA-51, € 80,-
- Bluetooth interface adapter, KERNYKUP-06, € 98,-
- Extension-Box, KERNYKUP-13, € 98,-
- Memory module with real time clock (alibi memory), KERNYMM-03, € 95,-

STANDARD



OPTION



FACTORY



Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification	
					III KERN	€
KERN	[Max] kg	[d] kg	[e] kg			
MPN 200K-1PM	250	0,1	0,1	810,-	965-129	56,-
MPN 200K-1HM	250	0,1	0,1	860,-	965-129	56,-

* 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.



Personal floor scale KERNMPN · MPN-L

Professional integratable personal scales for wireless transfer of weighing data to the EMR or EHR systems also for overweight patients in the obese category



KERNMPN-M



KERNMPN-LM



Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/ EEC
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records, as soon as this is launched as a comprehensive service. By doing this, any documentation or transfer errors which occur during manual data transfer are eliminated. Thanks to this technology, this model can be integrated into existing or future EMR and EHR systems and ensures that your investment is future-proofed right now
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS232, USB, Bluetooth or Ethernet, for the exchange of data and control commands, without any installation outlay
- KERNMPN 300K-1LM: Version with [Max] = 300 kg and larger weighing plate. Specially suitable for weighing overweight patients who are in the obese category
- Ideally suited for hospitals, clinics and doctors' surgeries
- Robust design for daily use in a professional environment
- Easy and hygienic cleaning
- Secure and non-slip positioning with height-adjustable rubber feet

- 1 Level indicator to level the balance precisely
- KERNMPN 300K-1LM: Sturdy handle for easy transportation of the scale
- 2 Flexible positioning of display device, e.g. free-standing or mounted to the wall. Wall mount for display device standard
- Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- Hold function: When patients do not stand completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- Mother and child function: the parent's weight will be taken and then the scale will be reset to zero at the push of a button. Afterwards then the parent 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 the parent while being weighed
- BMI function to determine underweight/normal weight/surplus weight
- High resolution readability: Readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions WxDxH
MPN: 365x370x80 mm
MPN-L: 400x500x120 mm
- Dimensions of display device WxDxH
210x54x100 mm
- Cable length of display device approx. 1,8 m
- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 12 kg

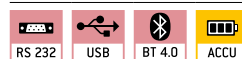
Accessories

- Internal rechargeable battery pack, operating time up to 48 h, charging time approx. 8 h, KERNYMR-01, € 55,-
- External data interface RS-232, Interface cable included, KERNYKUP-01, € 68,-
- External data interface USB, Interface cable included, KERNYKUP-03, € 98,-
- External mains adapter, 100–240 V, 50–60 Hz, Standard EU, UK, KERNYKA-51, € 80,-
- Bluetooth interface adapter, KERNYKUP-06, € 98,-
- Extension-Box, KERNYKUP-13, € 98,-
- Memory module with real time clock (alibi memory), KERNYMM-03, € 95,-

STANDARD



OPTION



FACTORY



Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification	€
KERN	[Max] kg	[d] kg	[e] kg		M III KERN	
MPN 200K-1M	250	0,1	0,1	650,-	965-129	56,-
MPN 300K-1LM	300	0,1	0,1	820,-	965-129	56,-

* 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.



Wheelchair platform scale KERNMWN

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



Wheelchair platform scale KERNMWN



Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/ EEC
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records, as soon as this is launched as a comprehensive service. By doing this, any documentation or transfer errors which occur during manual data transfer are eliminated. Thanks to this technology, this model can be integrated into existing or future EMR and EHR systems and ensures that your investment is future-proofed right now
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS232, USB, Bluetooth or Ethernet, for the exchange of data and control commands, without any installation outlay
- Especially suitable for weighing patients in wheelchairs because of the low-profile platform which can be approached from either side

- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- Hold function: When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/normal weight/surplus weight
- The scale can be easily transported using the handle and two rollers and does not require much storage space
- 1 Wall mount for display device, standard
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Dimensions weighing surface WxD 910x740 mm
- Dimensions of display device WxDxH 210x54x100 mm
- Cable length of display device approx. 1,85 m
- Overall dimensions WxDxH 1150x849x73 mm
- Battery operation possible, 6x1.5 V AA not included, operating time up to 50 h
- Mains adapter external, standard
- Net weight approx. 30 kg

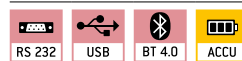
Accessories

- Internal rechargeable battery pack, operating time up to 48 h, charging time approx. 8 h, KERNYMR-01, € 55,-
- External data interface RS-232, Interface cable included, KERNYKUP-01, € 68,-
- External data interface USB, Interface cable included, KERNYKUP-03, € 98,-
- External mains adapter, 100-240 V, 50-60 Hz, Standard EU, UK, KERNYKA-51, € 80,-
- Bluetooth interface adapter, KERNYKUP-06, € 98,-
- Extension-Box, KERNYKUP-13, € 98,-
- Memory module with real time clock (alibi memory), KERNYMM-03, € 95,-

STANDARD



OPTION



FACTORY



Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification KERN €
KERN MWN 300K-1M	[Max] kg 300	[d] kg 0,1	[e] kg 0,1	1690,-	965-129 56,-

* 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.



Chair scale KERNMCN

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



Chair scale KERNMCN



Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/ EEC
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records, as soon as this is launched as a comprehensive service. By doing this, any documentation or transfer errors which occur during manual data transfer are eliminated. Thanks to this technology, this model can be integrated into existing or future EMR and EHR systems and ensures that your investment is future-proofed right now
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS232, USB, Bluetooth or Ethernet, for the exchange of data and control commands, without any installation outlay
- This chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can weigh overweight people up to 250 kg
- 1 Mobile version with two steerable rollers and particularly convenient locking brakes at the rear
- With its four wheels, this chair scale provides maximum mobility in bringing the scale to the patient. This ensures more efficient use of time for the clinic staff and greater safety for the patients who can be weighed in their familiar environment

- The rollers, with their large diameter, make it easier to get over door thresholds, edges and across the gaps into elevators
- For fragile patients, the comfortable, ergonomically optimised seat offers secure support during weighing
- Because of the clearly contrasting black colour of the seating surface, footrests and armrests ideally suitable for dementia patients
- 2 Two foldable armrests and footrests make transfers into the chair easier. Ideal for overweight patients or barrier-free use, e.g. for transfers from a bed to the scale
- Ergonomically positioned carrying handles
- Hold function: When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/normal weight/surplus weight
- High resolution readability: Readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

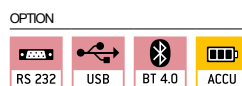
Technical data

- 3 Large LCD display, digit height 25 mm
- Dimensions of seating surface WxD 390x360 mm
- Dimensions of display device WxDxH 210x54x100 mm
- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- 4 Mains adapter external, standard
- Net weight approx. 24 kg

Accessories

- 5 Practical mains adapter pouch to store the mains adapter which is supplied as standard. Fitting option using two Velcro fasteners, KERNMCC-A01, € 38,-
- Internal rechargeable battery pack, operating time up to 48 h, charging time approx. 8 h, KERNYMR-01, € 55,-
- External data interface RS-232, Interface cable included, KERNYKUP-01, € 68,-
- External data interface USB, Interface cable included, KERNYKUP-03, € 98,-
- External data interface Ethernet, KERNYKUP-04, € 125,-
- External mains adapter, 100–240 V, 50–60 Hz, Standard EU, UK, KERNYKA-51, € 80,-
- Bluetooth interface adapter, KERNYKUP-06, € 98,-
- Extension-Box, KERNYKUP-13, € 98,-
- Memory module with real time clock (alibi memory), KERNYMM-03, € 95,-

* 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 capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification KERN €
KERN MCN 200K-1M	[Max] kg 250	[d] kg 0,1	[e] kg 0,1	1850,-	965-129 56,-

PROFESSIONAL CARE



KERN MAP

A **Professional Care balance** from KERN does not have approval in accordance with the Medical Device Directive and also does not have approval in accordance with the European Directive for non-automatic weighing instruments.

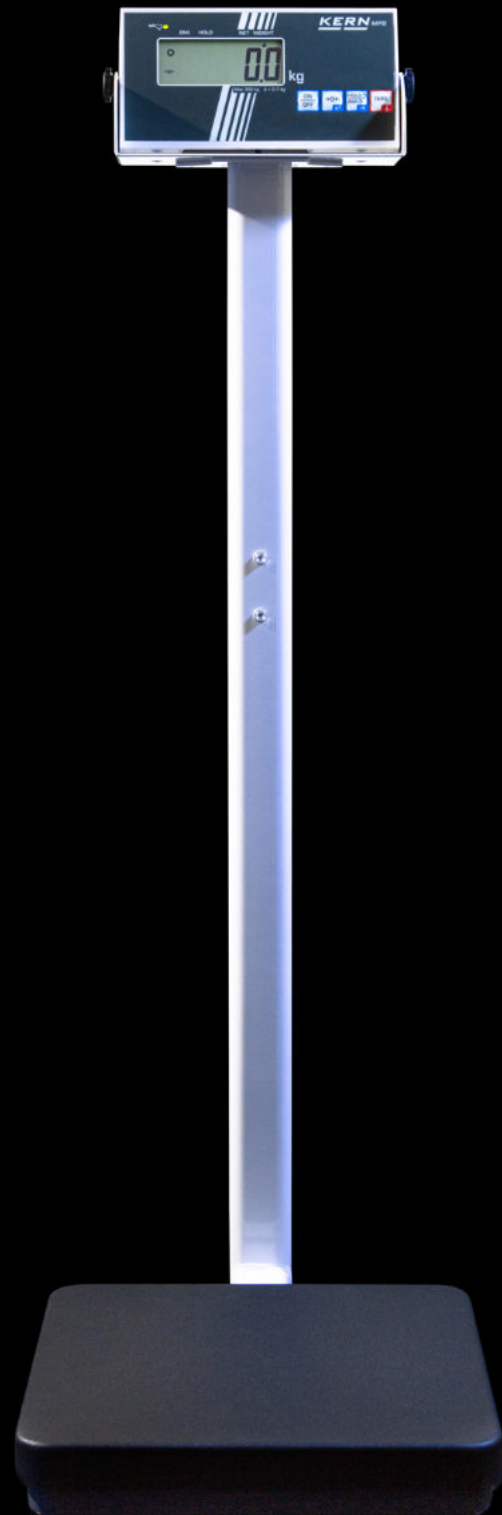
If the balance is not going to be used in medical applications, these approvals are not necessarily legally required. I.e. Professional Care balances are not verified and can also not be verified. This is a significant difference when compared with Approved Medical Device balances from KERN.

Professional Care products from KERN can be used anywhere, where the measurement is not used to determine medical actions. This applies, for example, to the areas of pathology, baby scales for midwives, personal scales and baby scales in pharmacies or weighing for self-monitoring, e.g. in sport studios.

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

- Body weight scales in pathology (not a medical application according to § 7b Paragraph 2 No. 4 of the Verification Ordinance)
- Personal and baby scales (the latter can usually be borrowed in pharmacies)
- Baby scales for midwives
- Personal scales during blood collection for the preparation of blood products

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



KERN MPB



Convenient circumference measuring tape with practical pull-out mechanism

Features

- Continuous pull-out measuring tape for precise measurement e.g. around the body
- Ideal to determine the WHR (Waist-to-Hip-Ratio), which can give information about the distribution of the body's fat deposits using an indirect determination of abdominal fat
- With integrated feed mechanism
- The easiest handling:
 - Pull out the measuring tape
 - Hang it in the recess provided for this
 - Operate the feed mechanism
 - Read measurement value with millimetre precision
- Note: The models are only delivered in a set of 5 units. That means the price refers to a delivery of 5 units. Cannot be delivered individually

Technical data

- Measuring tape length 2,05 m (80 inch)
- Net weight approx. 0,25 kg

STANDARD



Model	Measuring range	Increments	Overall dimensions W×D×H	Net weight approx.	Price excl. of VAT ex works €
KERN MSW200S05	cm/inch 205/80	mm 1	mm 55×90×20	kg 0,25	41,-



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:
 - Realtime mode: immediately shows the client's current strength
 - Peak/Max mode: shows the maximum strength of a client's grip
 - Average mode: Calculates the average strength from two grips
 - Counting mode: Counts the number of presses which exceed a previously defined strength limit
- An ideal device to determine reduced hand strength and among others a possible mortality risk of elderly persons as well as a malnutrition in case of chemotherapy or similar treatments
- Safe, comfortable use thanks to non-slip rubber grips

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

Technical data

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



Model	Measuring range [Max] kg	Readability [d] g	Spring sets kg	Overall dimensions WxDxH mm	Net weight approx. kg	Price excl. of VAT ex works €	Option	
							ISO KERN	Calibr. Certificate €
KERN								
MAP 80K1S	80	100	10, 20, 40, 80	55x88x212	0,35	265,-	961-102K	150,-
MAP 80K1	80	100	20, 40, 80	55x102x212	0,35	265,-	961-102K	150,-
MAP 130K1	130	100	40,80,130	55x102x212	0,35	265,-	961-102K	150,-

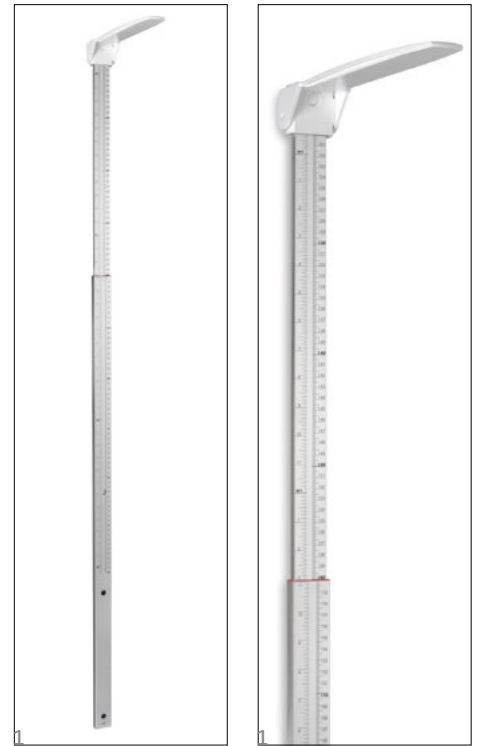
Personal floor scale KERNMPB



KERN MPB-P
with stand



KERN MPB
with free-standing
display device



Personal floor scale with BMI function

Features

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

Technical data

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

Accessories

- 1 Mechanical height rod, measuring range: 60 – 205 cm, can be screwed onto the column from the front or the back (MPB-P) or wall-mounted, approved as a medical device according to 93/42/EEC, KERNMSF 200, € 110,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERNMYC-01, € 59,-

STANDARD

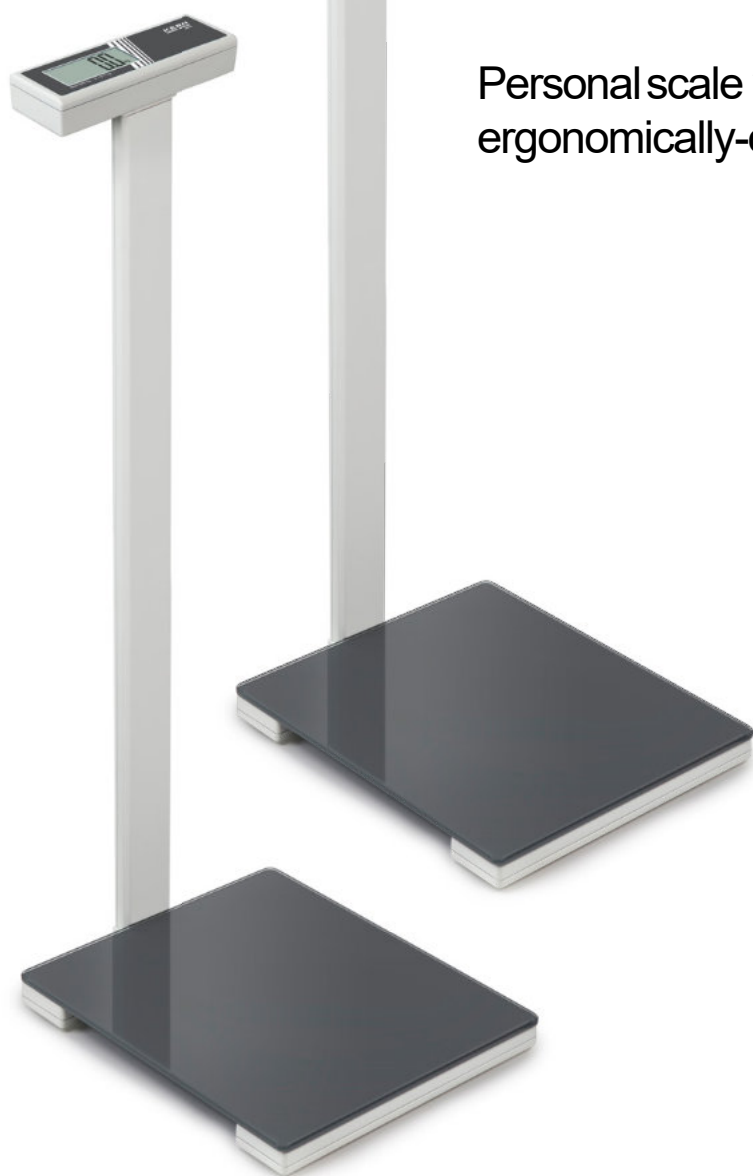


Model	Weighing capacity	Readability	Weighing plate	Net weight approx.	Price excl. of VAT ex works €
KERN	[Max] kg	[d] kg	mm	kg	
MPB300K100P	300	0,1	315×300×55	7	475,-
MPB300K100	300	0,1	315×300×60	4,6	230,-



Personal floor scale KERN MPK · MPL

Personal scale with column for convenient, ergonomically-optimised operation





Features

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

Technical data

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

Accessories

- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERNMYC-01, € 59,-

STANDARD



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



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

Features

- This personal scale is the ideal measuring instrument for elderly care, paramedics or private sector, and can weigh overweight people up to 200 kg
- Very large weighing plate
- Easy and hygienic cleaning
- 1 The scale can be easily transported using a handle and does not require much storage space
- 2 Particularly flat design facilitates access
- 3 Very large platform with non-slip and wear-resistant plastic surface
- Easy to operate: simply tap on it – stand on it – read the weight
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb
- Large display that is easy to read
- Delivered in single design packaging
- Note: The models are only delivered in a set of 5 units. That means the price refers to a delivery of 5 units. Cannot be delivered individually

Technical data

- Large LCD display, digit height 30 mm
- Overall dimensions W×D×H
- Batteries included, 4×1,5 V AAA, operating time up to 20 h
- Net weight approx. 8 kg

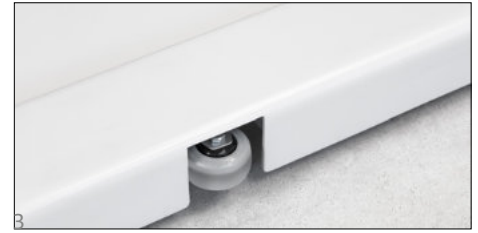
Accessories

- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERNMYC-01, € 59,-

STANDARD



Model	Weighing capacity	Readability	Price excl. of VAT ex works €
KERN MPI 200K-1S05	[Max] kg 200	[d] kg 0,1	490,-



Compact wheelchair platform scale with two integrated access ramps for easy access

Features

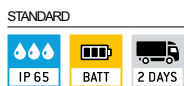
- Especially suitable for weighing patients in wheelchairs because of the low-profile platform which can be approached from either side
- 1 The large steel weighing plate also makes it ideal for weighing obese patients
- Also ideal for rapid weighing of, for example, laundry carts, container trolleys, roller containers, etc.
- Secure and non-slip positioning with height-adjustable rubber feet
- 2 Level indicator to level the balance precisely
- Hold function: When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/normal weight/surplus weight
- 3 The scale can easily be transported using the two rollers and two handles and does not require much storage space
- Wall mount for display device, standard
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface W×D 800×800 mm
- Dimensions of display device W×D×H 200×130×60 mm
- Cable length of display device approx. 3 m
- Overall dimensions W×D×H 1066×1000×80 mm
- Batteries included, 6×1.5 V AA, operating time up to 40 h
- Net weight approx. 60 kg

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERNMBC-A06S05, € 44,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERNMYC-01, € 59,-



Model	Weighing capacity	Readability	Weighing surface	Net weight approx.	Price excl. of VAT ex works €
KERN	[Max] kg	[d] kg	mm	kg	
MWB 300K-1	300	0,1	800×800	60	990,-



Chair scale KERNMCD

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



Chair scale KERNMCD



Features

- This chair scale is the ideal measuring instrument for elderly care and for paramedics, and is also suitable for overweight people with a weight up to 300 kg
- 1 Mobile version with four steerable wheels and particularly convenient locking brakes on both rear wheels
- With its four steerable wheels, this chair scale provides maximum mobility by bringing the scale to the patient. This ensures more efficient use of time for the staff and greater safety for the patients who can be weighed in their familiar environment
- The rollers, with their large diameter, make it easier to get over door thresholds, edges and across the gaps into elevators
- For fragile patients, the comfortable, ergonomically optimised seat offers secure support during weighing
- Because of the clearly contrasting black colour of the seating surface and footrests ideally suitable for dementia patients
- 2 Two foldable armrests and footrests make transfers into the chair easier. Ideal for overweight patients or barrier-free use, e.g. for transfers from a bed to the scale
- 3 Ergonomically positioned carrying handles

- Hold function: When patients do not sit completely still, a stable weight is calculated using an average weight and this is then "frozen". This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/normal weight/surplus weight
- Practical battery operation using standard batteries ensures a high level of flexibility and freedom from mains adapters, sockets, chargers, etc.
- High resolution readout: Readout [d] can be increased by one decimal place for 5 sec. by the touch of a key
- Protective working cover included with delivery

Technical data

- 3 Large LCD display, digit height 25 mm
- Dimensions of display device WxDxH 200x130x60 mm
- Dimensions of seating surface WxD 390x360 mm
- Overall dimensions WxDxH 625x990x985 mm
- Batteries included, 6x1.5 V AA, operating time up to 40 h
- Net weight approx. 20 kg

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERNMBC-A06S05, € 44,-
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20x22 cm per cloth, KERNMYC-01, € 59,-

STANDARD



Model	Weighing capacity	Readability	Price excl. of VAT ex works €
KERN	[Max] kg	[d] kg	
MCD 300K-1	300	0,1	1440,-

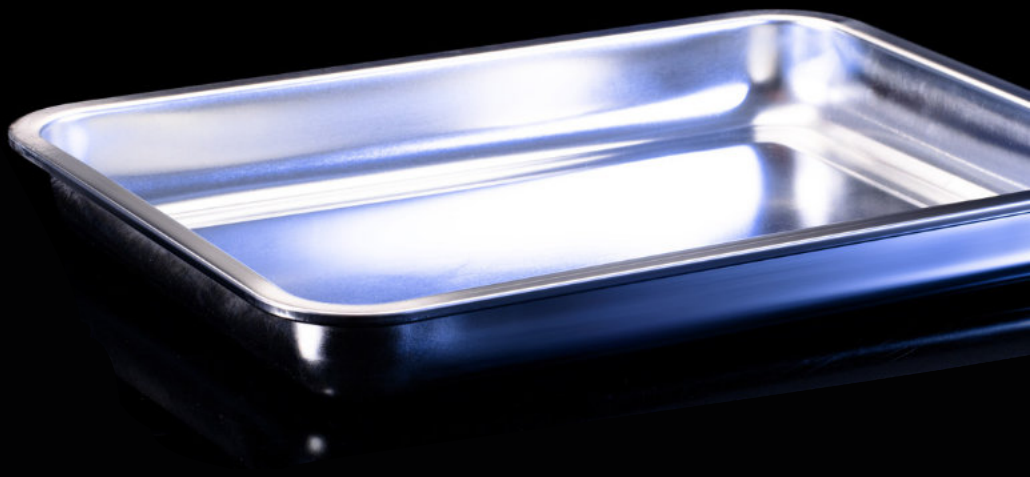
Hospital need

PROFESSIONAL CARE

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

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

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



KERN RFS-A02



KERN FOB-NLO



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, stainless 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 weighing results, even in poor lighting conditions
- Easy and hygienic cleaning
- Suitable for the ever-increasing hygienic requirements in the medical environment
- Totalising of weights and piece counts
- Internal rechargeable battery pack included with the delivery

Technical data

- Large backlit LCD display, digit height 52 mm
- Weighing plate dimensions WxD 1000x1000 mm (Without ramps)
- Platform height in the drive-through area: 80 mm
- Overall dimensions WxDxH 1600x1200x80 mm
- Dimensions of display device WxDxH 266x165x96 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10°C/40 °C

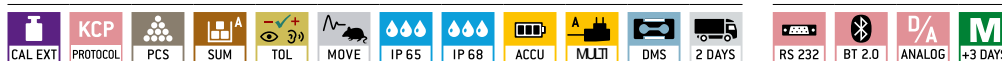
Accessories

- 3 Stand to elevate display device, height of stand approx. 750 mm, KERNYKP-02, € 220,-
- Pair of base plates to fix the weighing bridge to the floor, KERNBFB-A03, € 95,-
- 4 Large display with superior display size, KERNYKD-A02, € 310,-
- Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERNBFB-A03, € 198,-

- RS232 data interface including interface cable, 1,5 m, must be ordered at purchase, KERNKFN-A01, € 220,-
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used, KERNKFB-A03, € 160,-
- Matrix needle printer, KERNYKN-01, € 310,-
- Universal label printer, KERNYKE-01, € 790,-
- Thermal printer, KERNYKB-01N, € 390,-
- For further details, plenty of further accessories and suitable printers, see Internet

Note: For verified scales the weighing bridge must be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame. Optionally configurable with IP68 display device on request. Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

STANDARD



FACTORY

Model	Weighing capacity	Readability	Verification value	Minimum load	Net weight approx.	Price excl. of VAT ex works €	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg	[Min] kg	kg	€	KERN €
KERN NFN 600K-1M	600	0,2	0,2	4	105	4170,-	965-230 150,-
KERN NFN 1.5T-4M	1500	0,5	0,5	10	105	4140,-	965-230 150,-



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

Features

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

Technical data

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

Accessories

- Protective working cover, scope of delivery 5 items, KERNFOB-A13S05, € 44,-
- External mains adapter, KERNYKA-29, € 43,-
- 1 Tare pan made from stainless steel, Overall dimensions W×D×H, 400×300×45 mm, KERNRFS-A02, € 75,-

STANDARD						OPTION

Model	Weighing capacity	Readability	Weighing plate	Price excl. of VAT ex works €
	[Max] kg	[d] g	mm	
KERN				
Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].				
FOB7K-4NLO	5 7,5	0,5 1	252×200	295,-



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 SAUTERFK (alternatively SAUTERFH) force gauge when connected with the three physio sensors (AC45, AC46, AC47) 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 SAUTERAFK02 | AFH04 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 AFK02 or AFH04, depending on the force measuring device selected) and one or more physio sensors (AC45, AC46, AC47)
- All components can be ordered individually

Technical data

SAUTER FK

- Overall dimensions W×D×H 195×82×35 mm
- Ready for use: Batteries included, 6×1.5 V AA

SAUTER FH

- Overall dimensions W×D×H 230×66×36 mm
- Rechargeable battery pack integrated, as standard, operating time up to 12 h without backlight, charging time approx. 4 h

Accessories

- 1 Concave force sensor with optimised radius for the measurement particularly of arms and legs up to 1 kN, thread: M6, KERNAC45, € 135,-
- 2 Flat square-shaped sensor for lateral power sensing of back, chest or arm up to 1 kN, thread: M6, KERNAC46, € 90,-
- 3 Round sensor to measure particular muscle groups, such as, for example, the shoulder up to 1 kN, inner thread: M6, KERNAC 47, € 95,-

SAUTER FK

- 4 Stainless steel handle bar with rubber grip, SAUTERAFK02, € 105,-
- Threaded pin made of steel for SAUTERforce gauges and clamps, external thread: M6, internal thread: M8, KERNAFM22, € 18,-

SAUTER FH

- 4 Stainless steel handle bar with rubber grip, SAUTERAFH04, € 105,-

STANDARD										OPTION		
FH	FH	FK	FH					FH	FH	FH	FH	FH

Model	Measuring range	Division	Thread	Net weight approx.	Price excl. of VAT ex works
	[Max] N	[d] N		kg	€
SAUTER FK 50	50	0,02	M8	0,75	275,-
FK 100	100	0,05	M8	0,75	275,-
FK 250	250	0,1	M8	0,75	275,-
FK 500	500	0,2	M8	0,75	275,-
FK 1K	1000	0,5	M8	0,75	275,-
SAUTER FH 50	50	0,01	M6	0,65	590,-
FH 100	100	0,05	M6	0,65	590,-
FH 200	200	0,1	M6	0,65	590,-
FH 500	500	0,1	M6	0,65	590,-