

MEDICAL SCALES

Clinic | Practice | Care



PROFESSIONAL MEASURING

2025

It's so easy to order from KERN:

 Tel. +49 7433 9933-0

 E-Mail
info@kern-sohn.com

 Online Shop
www.kern-sohn.com

We look forward to meeting you
in our online shop – simply use the
QR Code:



Your Advantages – our Philosophy. All KERN Advantages at a Glance

Online Shop

www.kern-sohn.com

For convenient ordering you will find a huge selection of products and services in our KERN online shop, 24/7.

Advice from the experts

Our KERN experts will offer you individual advice in a range of languages and will be pleased to assist you: Mon - Fri from 8.00 am to 5.00 pm

100 % product availability and dispatch service

With KERN you can be sure that you will have immediate access to the products you need – provided that they are in stock. Our 24-hour dispatch service will send your products immediately. Ordered today, on their way tomorrow!

Warranty

We offer you as the customer up to 3 years warranty on all products in our entire range, as an option the warranty can be extended for a small fee. Because our products deliver on their promises!

Customer service

Our customer service is personally available by telephone, e-mail or video call. We speak more than 7 languages and we will be happy to help with your requests.

Trust through experience

Experience counts in terms of weighing and measuring technology and this has been the case for 180 years – for the benefit of our customers. Put us to the test!

Accreditations/certification

- DAkkS accreditation
DIN EN ISO/IEC 17025
- Certified QM system DIN EN ISO 9001
- Conformity assessment in accordance with NAWID 2014/31/EU
- Medical certifications DIN EN ISO 13485 and 93/42/EEC or VO (EU) 2017/745

DAkkS calibrations

In the modern, accredited KERN calibration laboratory, we perform DAkkS calibrations for balances, test weights as well as for numerous other measuring devices. In addition we can offer calibrations on your premises. Of course, all services are in accordance with international standards.

Verification service

Our professional verification service offers conformity assessments and verification of balances and weights – for a feeling of security in compliance with legal requirements.

Individual customer solutions

We are the right partner for special customer requirements. KERN offers numerous modular system solutions for your very individual weighing requirements. Please contact us!

Service Portal

You can find aftersales support in our online service portal: Technical Support, help with questions or problems, etc. www.kern-sohn.com/shop/en/Serviceportal/

Spare parts and repair service

In spite of reliable KERN quality: If you should ever need to make a complaint about our products, we will help you quickly, flexibly and in an unbureaucratic manner.


No storage costs


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).


Still got questions?


You can find all KERN Service Hotlines on the inside flap


KERN Pictograms


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


 **Memory**
Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.


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


 **RS-485 data interface**
To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible


 **USB data interface**
To connect the balance to a printer, PC or other peripherals


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


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

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


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


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


 **GLP/ISO log internal**
The balance displays weight, date and time, independent


 **GLP/ISO log**
With date and time. Only with KERN printers


 **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


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


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


 **Weighing units**
Can be switched to e.g. nonmetric units. Please refer to website for more details


 **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


 **ZERO**
Resets the display to "0"


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

 **Hold function (Animal weighing program)**
When the weighing conditions are unstable, a stable weight is calculated as an average value


 **Protection against dust and water splashes IPxx**
The type of protection is shown in the pictogram cf. DIN EN 60529:2000-09, IEC0529:1989+A1:1999 +A2:2013

 **Suspended weighing**
Load support with hook on the underside of the balance


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


 **Rechargeable battery pack**
Rechargeable set


 **Universal plug-in power supply**
with universal input and optional input socket adapters for
A) EU, CH
B) EU, CH, GB, US
C) EU, CH, GB, US, AUS

 **Plug-in power supply**
230V/50Hz in standard version for EU. On request GB, AUS or US version available


 **Integrated power supply unit**
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or US on request


 **Weighing principle Strain gauges**
Electrical resistor on an elastic deforming body


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


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


 **Integrated scale**
In the eyepiece


 **360° rotatable microscope head**


 **Monocular Microscope**
For the inspection with one eye

 **Binocular Microscope**
For the inspection with both eyes


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


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


 **Halogen illumination**
For pictures bright and rich in contrast


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


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


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


 **Phase contrast unit**
For a higher contrast


 **Darkfield condenser/unit**
For a higher contrast due to indirect illumination


 **Polarising unit**
To polarise the light

 **Infinity system**
Infinity corrected optical system

 **Automatic temperature compensation**
For measurements between 10 °C and 30 °C

 **Conformity assessment**
The time required for conformity assessment is specified in the pictogram

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

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

KERN Models A-Z

E	
EMB _____	62
EMS <small>NEW</small> _____	63
EOB/EOE _____	64
EOS _____	65
F	
FH/FK _____	52
FOB-NL _____	51
H	
HCB/HDB _____	61
M	
MAP _____	40
<small>■</small> MBA-A01 _____	7
<small>■</small> MBA _____	29
<small>■</small> MBC/MBC-E _____	8
MBD _____	67
<small>■</small> MCB _____	24
<small>■</small> MCC _____	26
MCD _____	46
<small>■</small> MCN _____	36
MGC _____	68
MGD _____	69
MFB _____	70
MPB _____	41
<small>■</small> MPC _____	14
<small>■</small> MPD/MPD-E _____	16
<small>■</small> MPE/MPE-E _____	10
MPI _____	44
MPK/MPL _____	42
<small>■</small> MPN-P/MPN-H _____	30
<small>■</small> MPN/ MPN-L _____	32
<small>■</small> MPE/MPE-E _____	10
<small>■</small> MPS _____	12
<small>■</small> MSB _____	7
<small>■</small> MSC <small>NEW</small> _____	7
<small>■</small> MSF _____	7
MSW _____	39
<small>■</small> MTA _____	22
<small>■</small> MWA _____	18
<small>■</small> MWC <small>NEW</small> _____	45
<small>■</small> MWN _____	34
<small>■</small> MWS/MWS-L _____	20
N	
<small>■</small> NXC <small>NEW</small> _____	50
O	
OBE _____	55
OBL _____	56
OBN _____	57
OCM _____	58
ORA _____	59

- Approved Medical Device
- EC Type Approval

KERN Customer Consultants

With questions about our products and services, we will be happy to advise you:

UK, BE, IE, IS, LU, NL



Maren Neff
Tel. +49 7433 9933-132
Mobil +49 151 46143240
maren.neff@kern-sohn.com



Corinna Matthes
Tel. +49 7433 9933-215
Mobil +49 151 44568364
corinna.matthes@kern-sohn.com

PL, LV, LT, EE, SK, CZ, HU



Mark Hauder
Tel. +49 7433 9933-310
Mobil +49 160 3378426
mark.hauder@kern-sohn.com



Jobst Kamal
Tel. +49 7433 9933-268
Mobil +49 151 67010975
jobst.kamal@kern-sohn.com

SL, HR, AL, MK, BG, BA, ME, RO, GR, CY, GUS



Ariana Sevcenco
Tel. +49 7433 9933-203
Mobil +49 151 72434692
ariana.sevcenco@kern-sohn.com



Stephan Ade
Tel. +49 7433 9933-121
Mobil +49 171 3060086
ade@kern-sohn.com

KERN Hotlines

Technical questions about our products?

You will find assistance here quickly: **+49 7433 9933- ...**

Service Hotline

for general technical questions about your KERN product

→ 199

Medical Scales

for all technical questions concerning our baby scales, personal scales, handrail scales, chair scales, wheelchair scales, dynamometers

→ 499

Laboratory and Analytical Balances

for all technical questions concerning our high quality precision balances, analytical balances (especially with electromagnetic force-compensated measuring systems, tuning fork and high application density)

→ 444

Industrial Scales/Veterinary Scales

for all technical questions concerning our basic scales (laboratory & industry), pocket balances, school balances, bench scales, price-computing scales, platform scales, counting scales, counting systems, floor scales, pallet truck scales, crane scales, veterinary scales

→ 333

Optical Devices

for all technical questions concerning our microscopes, microscope cameras, refractometers, etc.

→ 777

Calibration and Verification Service

for any questions concerning our calibration and verification service

→ 196



APPROVED MEDICAL DEVICES 6-37

Height Rods	7	KERN Premium Line		28-37
Baby Scales	8-9			
Personal Floor Scales	10-17	Baby Scales		29
Wheelchair Platform Scales	18-19	Personal Floor Scales		30-33
Stretcher Scales	20-21	Wheelchair Platform Scales		34-35
Handrail Scales	22-23	Chair Scales		36-37
Chair Scales	24-27			

PROFESSIONAL CARE 38-65

Tape for Measuring Circumference	39	Digital Force Gauges	52
Digital Hand Grip Dynamometer	40	Optical Instruments	54
Personal Floor Scales	41-44	Microscopes	55-58
Wheelchair Platform Scales	45	Refractometers	59
Chair Scales	46-47		
		Veterinary Scales	60
Hospital Need	49	Hanging Scales	61
Drive-through Scale	50	Small pet Scales	62-63
Organ Scales	51	Veterinary Scales	64-65

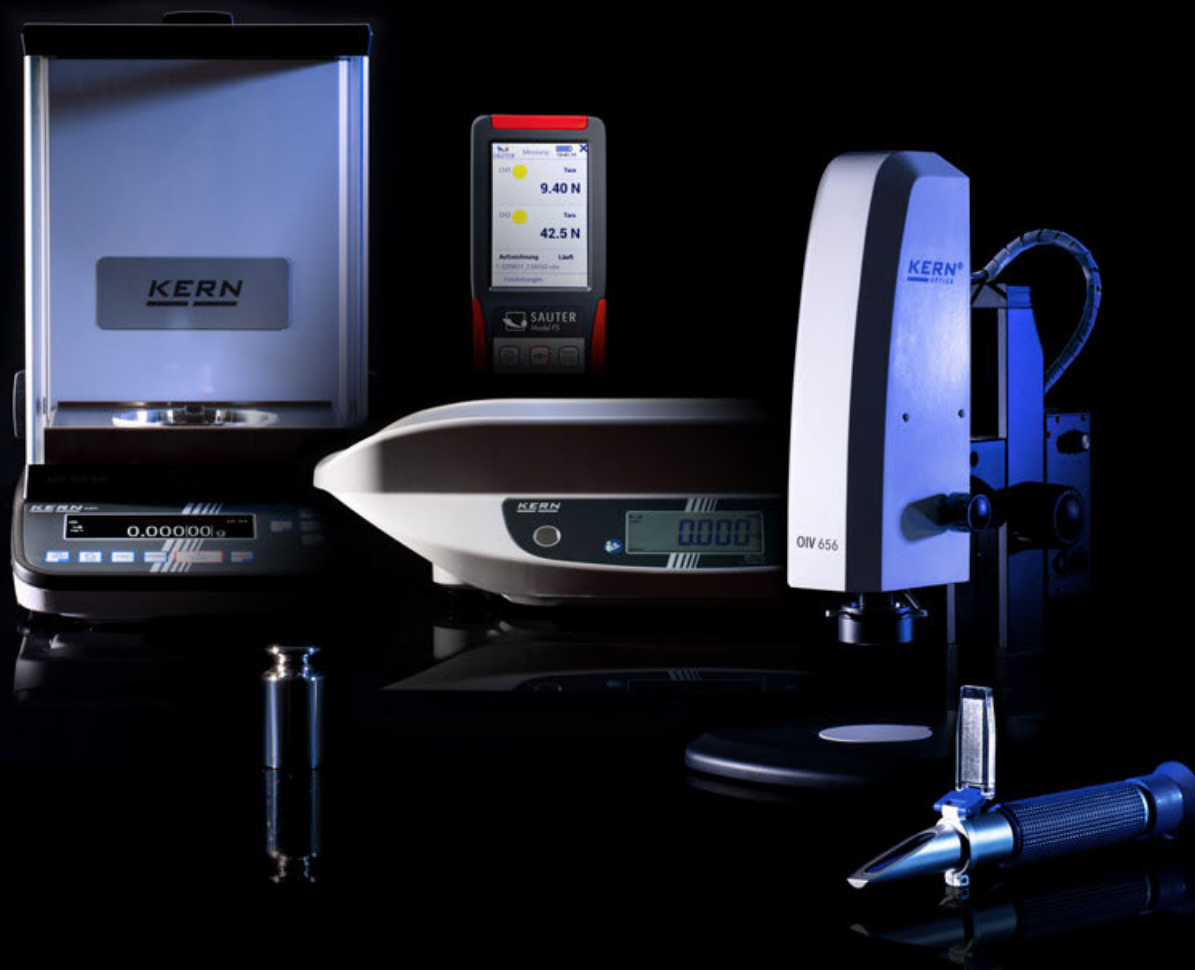
HOME CARE 66-70

Baby Scales	67
Personal Floor Scales	68-70

Customer Support	2
Hotlines	2
NEWS	5
Retailer Information	71



COMMITMENT TO QUALITY AT AN INTERNATIONAL LEVEL



Partners with experience and competence are an essential factor for process-oriented processes in professional weighing and measuring technology. With KERN you have a service partner by your side who has a state-of-the-art test service with an accredited calibration laboratory. Our colleagues are available both for technical questions and also individual solutions and will be glad to help you.

The following accreditations and certificates represent our commitment to quality: Certified QM system DIN EN ISO 9001, DAkkS Accreditation DIN EN ISO/IEC 17025, conformity evaluation in accordance with NAWID: 2014/31/EU, Medical certifications DIN EN ISO 13485 and 93/42/EEC.

You can also find further information online, please see www.kern-lab.com



Accredited calibrations according to DIN EN ISO/IEC 17025:2018 norms for balances, weights, force, volumes of solid bodies, densities of solid bodies, temperature, humidity

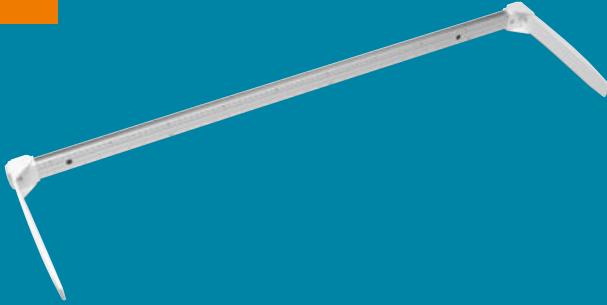


NEW IN → 2025



Innovative technology, new features, outstanding performance. In the Food and Industry sectors we have gone all out for you. You will be impressed by our new products for 2025!

NEW



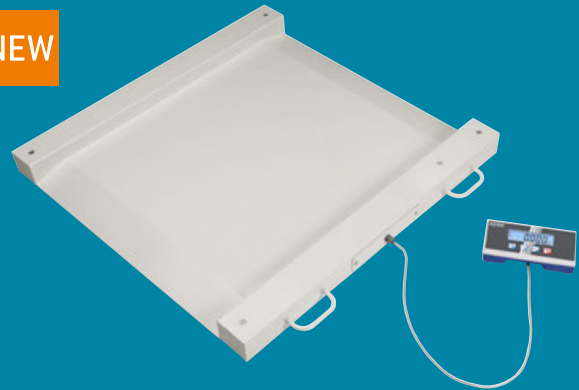
Practical, portable, still just as good

→ Mechanical Height Rod KERN MSC 100

Our robust measuring stick is back in the range! By popular demand and because, put simply, it's just great: Portable mechanical measuring stick for small children, with foldable stop for space-saving storage.

For details, see *Height Rods*

NEW



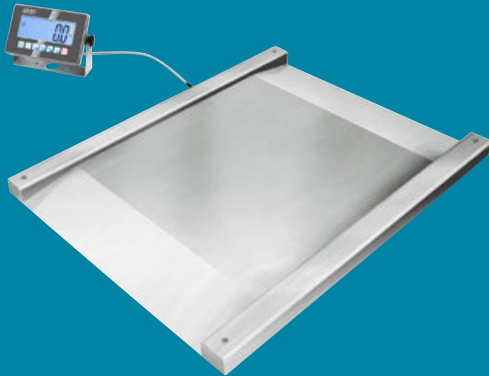
Stay as flexible as possible

→ Wheelchair Platform Scale KERN MWC

Particularly suitable for weighing patients in wheelchairs, because the platform can be accessed on both sides and is low profile. The scale can be transported easily because it has two rollers and two handles and does not require much storage space.

For details, see *Wheelchair Platform Scales*

NEW



If you need to move quickly

→ Drive-through scale KERN NXC

For rapid weighing of, for example, laundry carts, container trolleys, roller containers, etc. Stainless steel drive-on scale with two integrated access ramps, with verification as an option.

For details, see *Hospital Care Products*

NEW



This little one is pretty impressive!

→ Small Pet Scale KERN EMS

Large, impact-resistant weighing plate made of plastic and particularly flat design for unsteady weighing of small animals.

For details, see *Animal Scales*

APPROVED MEDICAL DEVICES



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).

Any balance which is going to be used in medical applications must be registered with the metrological authority within six weeks of commissioning in accordance with § 32 MessEG (Weights and Measures Act).

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.



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

MSB 80	MBA-A01	MSC 100	MSF 200
<ul style="list-style-type: none"> • Portable mechanical height rod • Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 • 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 	<ul style="list-style-type: none"> • Portable mechanical height rod • Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 • For babies up to a maximum of 80 cm • Robust construction • Compact size • Easy and hygienic cleaning • Readout on scale with moveable stop • Large guide surfaces make handling easier (aligning, shifting, reading) 	<ul style="list-style-type: none"> • Portable mechanical height rod • Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 • For infants up to a maximum of 100 cm • Readout on scale with moveable stop • Sturdy aluminium profile • Stop can be folded for compact storage 	<ul style="list-style-type: none"> • Mechanical height rod • Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 • Readability on scale with moveable, foldable stop • Readout on scale with moveable, foldable stop or mounting on KERN scales MPS-PM, MPB-P or wall-mounted • Sturdy aluminium profile



STANDARD



[[1]]

Model	Measuring range	Increments	Overall dimensions		Net weight approx.	Price excl. of VAT ex works €
			W×D×H mm	kg		
KERN	cm (inch)	mm (inch)				
MSB 80	10 – 80	1	882×70×28	0,70	110,-	
MBA-A01	30 – 80 (11½ – 31½)	1 (1/16)	850×240×60	0,40	120,-	
MSC 100	7,5 – 100 (2½ – 39¼)	1 (1/16)	1020×290×50	0,70	110,-	
MSF 200	60 – 205 (23½ – 78¾)	1 (1/16)	53×40×1000	0,80	110,-	



Elegantly-shaped baby scale – with approval for professional mobile or stationary medical use in medical diagnostics, verification optional





[[1]]



[[2]]



[[3]]



[[4]]

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745
- 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: While weighing patients that are unable to lie still, a mean average weight value is determined
- KERN MBC: Protective working cover included with delivery
- KERN MBC-E: Identical in construction to KERN MBC but without mains adapter, especially suitable for mobile use, e.g. for midwives

Technical data

- Backlit LCD display, digit height 25 mm
- Dimensions of tray WxD 600x276 mm
- Overall dimensions WxDxH 320x410x70 mm
- Overall dimensions incl. optional height rod WxDxH 600x410x112 mm
- KERN MBC: Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- KERN MBC-E: Batteries included, 6x1.5 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, KERN MBC-A01, **€ 157,-**
- **3** Carrying case for mobile use, only for models without height rod, KERN MBC-A02, **€ 55,-**

- **4** Protective working cover over the display device, scope of delivery: 5 items, KERN MBC-A06S05, **€ 44,-**
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, only in combination with KERN YKA-44, KERN MBC-A08, **€ 50,-**
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- External mains adapter, 100 V - 240 V, Standard EU, CH, UK, US, AUS, KERN YKA-43, **€ 95,-**
- External mains adapter, 100 V - 240 V, Standard EU, KERN YKA-44, **€ 49,-**

STANDARD	OPTION	FACTORY
MBC	MBC-E	-

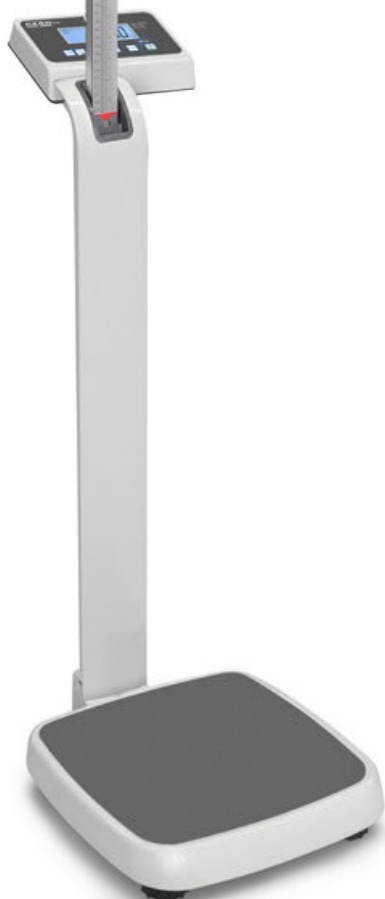


*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

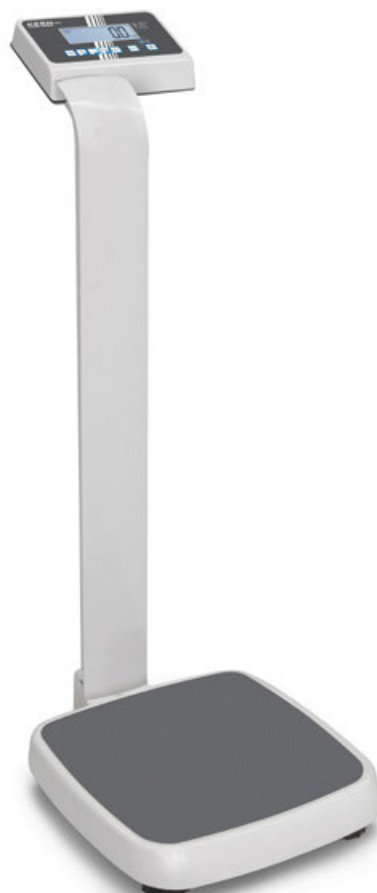
Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification	€
KERN	[Max] kg	[d] kg	[e] kg		KERN	
MBC 15K2DEM	6 15	0,002 0,005	0,002 0,005	370,-	965-128.	46,-
MBC 15K2DM	6 15	0,002 0,005	0,002 0,005	410,-	965-128.	46,-
MBC 20K10EM	20	0,01	0,01	370,-	965-128.	46,-
MBC 20K10M	20	0,01	0,01	410,-	965-128.	46,-



**High quality personal floor scale with BMI function –
with approval for professional medical use in medical
diagnostics, verification optional**



KERN MPE-HM



KERN MPE-PM





[[1]]



[[2]]



[[3]]

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745
- **1** Practical second display on the back of the scale, which makes it easy for both the patient and the medical staff to read the weight
- **2** The MPE-HM model has an elegant height rod integrated into the column, which can be pulled out for use and has a sturdy plastic head rest and a measuring range from 90 – 205 cm
- Robust design with ergonomically optimised shape
- 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: While weighing patients that are unable to stand still, a mean average weight value is determined
- Mother and child function: the parent's weight is measured, and the scale is reset to zero via the button. Subsequently, the parent and baby are weighed together. The weight of the child will then show on the display
- 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
- KERN MPE-E: Identical in construction to the KERN MPE. Supplied without mains adapter, but with batteries, which makes the price attractive

Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing platform dimensions WxDxH 365x360x80 mm
- Overall dimensions WxDxH
KERN MPE-PM: 365x570x1030 mm
KERN 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, KERN MPE-A01S05, **€ 44,-**
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 50,-**
- External mains adapter, 100 V - 240 V, Standard EU, CH, UK, US, AUS, KERN YKA-43, **€ 95,-**
- External mains adapter, 100 V - 240 V, Standard EU, KERN YKA-44, **€ 49,-**
- Interface cable RS-232 to connect an external device, KERN CFS-A01, **€ 50,-**
- Matrix needle printer, KERN YKN-01, **€ 310,-**
- Thermal printer, KERN YKH-01, **€ 420,-**
- For further details, plenty of further accessories and suitable printers, see *Internet*

STANDARD						OPTION		FACTORY	
RS 232	PRINTER	MOVE	BATT	MULTI	1 DAY	ACCU	MULTI	M +3 DAYS	0297
MPE						MPE-E			

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification	€
	[Max] kg	[d] kg	[e] kg		 KERN	
KERN MPE 200K-1PEM	250	0,1	0,1	560,-	965-129	69,-
MPE 250K100PM	250	0,1	0,1	610,-	965-129	69,-
MPE 200K-1HEM	250	0,1	0,1	610,-	965-129	69,-
MPE 250K100HM	250	0,1	0,1	660,-	965-129	69,-



Stylish personal floor scale with BMI function – with approval for professional medical use in medical diagnostics, verification optional



KERN MPS-PM



KERN MPS-M





[[1]]



[[2]]



[[3]]



[[3]]

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745
- 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
- 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: While weighing patients that are unable to stand still, a mean average weight value is determined
- BMI function to determine underweight/normal weight/surplus weight
- **2** KERN MPS-M: 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 platform dimensions W×D×H 275×295×58 mm
- Dimensions of display device W×D×H 216×110×47 mm
- KERN MPS-M: Cable length of display device approx. 1,21 m
- Battery operation possible, 6×1.5 V AA not included, operating time up to 50 h
- Mains adapter external, standard
- Data interface RS-232 as standard

Accessories

- **3** Mechanical height rod, measuring range: 60 cm – 205 cm, can be screwed onto the column from the front or the back (MPS-P) or wall-mounted, approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745, KERN MSF 200, **€ 110,-**
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 14 h, KERN FOB-A08, **€ 70,-**
- Interface cable RS-232 to connect an external device, KERN MPS-A08, **€ 50,-**
- Matrix needle printer, KERN YKN-01, **€ 310,-**
- Thermal printer, KERN YKH-01, **€ 420,-**
- For further details, plenty of further accessories and suitable printers, see *Internet*

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

STANDARD	OPTION	FACTORY	
RS 232 MOVE BATT MULTI 1 DAY	ACCU	M +3 DAYS	CE 0297

Model	Weighing capacity	Readability	Verification value	Overall dimensions	Net weight approx.	Price excl. of VAT ex works €	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg	W×D×H mm	kg	€	KERN €
KERN MPS 200K100M	200	0,1	0,1	275×295×58	4,2	470,-	965-129 69,-
KERN MPS 200K100PM	200	0,1	0,1	275×445×1020	7	730,-	965-129 69,-



Compact personal floor scale – with approval for professional medical use in medical diagnostics, verification optional

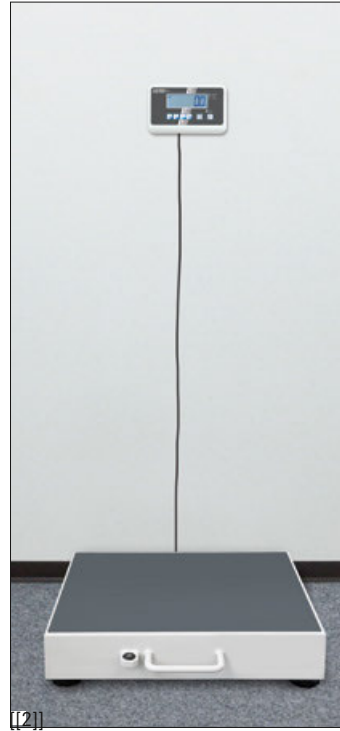
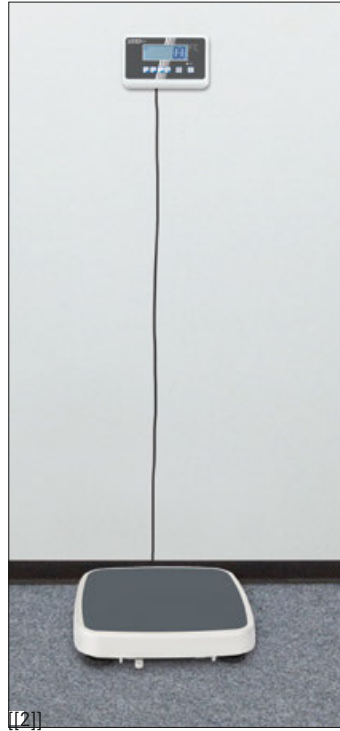


KERN MPC 250K100M



KERN MPC 300K-1LM





Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745
- 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
- KERN MPC 300K-1LM: Version with [Max] = 300 kg and larger weighing plate
- **1** Sturdy handle for easy transportation of the scale
- **2** Flexible positioning of display device. 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: While weighing patients that are unable to stand still, a mean average weight value is determined

- Mother and child function: the parent's weight is measured, and the scale is reset to zero via the button. Subsequently, the parent and baby are weighed together. The weight of the child will then show on the display
- 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 KERN CFS-A01 + MPC-A01 and printer KERN YKB-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, KERN MBC-A06S05, **€ 44,-**
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 50,-**
- External mains adapter, 100 V - 240 V, Standard EU, CH, UK, US, AUS, KERN YKA-43, **€ 95,-**
- External mains adapter, 100 V - 240 V, Standard EU, KERN YKA-44, **€ 49,-**
- RS-232 data interface, must be ordered at purchase, KERN MPC-A01, **€ 110,-**
- Interface cable RS-232 to connect an external device, KERN CFS-A01, **€ 50,-**

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

STANDARD	OPTION	FACTORY	

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	WxDxH mm	kg	€	KERN €
MPC 250K100M	250	0,1	0,1	365x370x80	9	410,-	965-129 69,-
MPC 300K-1LM	300	0,1	0,1	500x455x120	11	690,-	965-129 69,-



**Professional step-on personal floor scale approved as a medical device,
verification optional**





Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745
- **1** 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** KERN MPD 200K-1EM: Identically to MPD 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
- KERN MPD: Battery- or mains-powered, rechargeable battery operation optional
- Protective working cover included with delivery

Technical data

- Weighing platform dimensions W×D×H 365×360×80 mm
- Dimensions of display device W×D×H 200×130×60 mm
- Overall dimensions W×D×H 365×490×120 mm
- Net weight approx. 9 kg

MPD 250K100M

- Large backlit LCD display, digit height 25 mm
- Battery operation possible, 6×1.5 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, 6×1.5 V AA, operating time up to 20 h

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN MBC-A06S05, **€ 44,-**
- **4** Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**

Only MPD 250K100M:

- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 50,-**
- External mains adapter, 100 V - 240 V, Standard EU, CH, UK, US, AUS, KERN YKA-43, **€ 95,-**
- External mains adapter, 100 V - 240 V, Standard EU, KERN YKA-44, **€ 49,-**

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

STANDARD	OPTION	FACTORY	
BATT	MULTI	1 DAY	
MPD	ACCU	+3 DAYS	CE
	MPD		0297

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification	€
	[Max] kg	[d] kg	[e] kg		KERN	
KERN						
MPD 250K100M	250	0,1	0,1	420,-	965-129	69,-
MPD 200K-1EM	250	0,2	0,2	380,-	965-129	69,-



Wheelchair platform scale with two integrated access ramps for easy access – with approval for professional medical use in medical diagnostics, verification optional



KERN MWA 300K-1PM



KERN MWA 300K-1M



4 ▲ KERN MWA 300K-1M + MWA-A04:

With the two practical handrails of the integrated folding patient seat, you can easily convert the wheelchair platform scale into a multi-functional scale. 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 ◀ KERN MWA-A02:

Handrail, without column, cannot be folded, for self-assembly on the KERN MWA 300K-1M wheelchair platform scale or MWA 300K-1PM. Converts the wheelchair platform scale into a multi-functional scale. Allows weighing when standing up, with support or in the wheelchair

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745
- 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: While weighing patients that are unable to sit or stand still, a mean average weight value is determined
- KERN MWA 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 KERN CFS-A01 and printer KERN YKB-01N
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions 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, KERN MBC-A06S05, **€ 44,-**
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 50,-**
- External mains adapter, 100 V - 240 V, Standard EU, CH, UK, US, AUS, KERN YKA-43, **€ 95,-**
- External mains adapter, 100 V - 240 V, Standard EU, KERN YKA-44, **€ 49,-**
- Interface cable RS-232 to connect an external device, KERN CFS-A01, **€ 50,-**
- **3** Handrail, lacquered steel, dimensions WxDxH approx. 560x40x920 mm, scope of supply: handrail, fasteners, net weight approx. 4,0 kg, KERN MWA-A02, **€ 140,-**
- **4** MWA 300K-1M: Handrail kit with folding patient seat, please add this to your order, retrofitting is not possible, KERN MWA-A04, **€ 1070,-**
- Matrix needle printer, KERN YKN-01, **€ 310,-**
- Thermal printer, KERN YKH-01, **€ 420,-**
- For further details, plenty of further accessories and suitable printers, see *Internet*

STANDARD



OPTION



FACTORY



*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg		KERN €
KERN					
MWA 300K-1M	300	0,1	0,1	1650,-	965-129 69,-
MWA 300K-1PM	300	0,1	0,1	1690,-	965-129 69,-



**Wheelchair platform scale with low overall height for easy access
– with approval for professional, mobile medical use in medical diagnostics,
verification optional**

1 KERN MWS



2 KERN MWS-L





[[1]]



[[2]]

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745
- 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** KERN MWS: With the practical KERN MWS-A02 handrail set, the wheelchair platform scale KERN MWS 300K100M can be converted quickly and easily into a multi-function scale. In this way patients can be weighed standing up on their own, using the support of the handrail or in a wheelchair. The display device can be fitted directly onto the handrail
- **2** KERN MWS-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: While weighing patients that are unable to sit or stand still, a mean average weight value is determined

- BMI function to determine underweight/normal weight/surplus weight
- The scale can easily be transported using the two rollers and two handles 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
- 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 WxDxH 210x110x45 mm
- Cable length of display device approx. 1,85 m
- Battery operation possible, 6x1.5 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 KERN MWS 300K100M, WxDxH approx. 60x1150x900 mm.
Scope of delivery: two handrails, a stability bar, fasteners, Overall dimensions WxDxH 1155x830x65 mm (MWS 300K100M + MWS-A02), KERN MWS-A02, **€ 620,-**

- Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01, **€ 235,-**
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- Internal rechargeable battery pack, operating time up to 45 h without backlight, charging time approx. 14 h, KERN FOB-A08, **€ 70,-**
- Interface cable RS-232 to connect an external device, KERN MPS-A08, **€ 50,-**
- Matrix needle printer, KERN YKN-01, **€ 310,-**
- Thermal printer, KERN YKH-01, **€ 420,-**
- 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	M



*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

Model	Weighing capacity [Max] kg	Readability [d] kg	Verification value [e] kg	Weighing plate WxDxH mm	Overall dimensions WxDxH mm	Net weight approx. kg	Price excl. of VAT ex works €	Mandatory by law Verification KERN	€
KERN MWS 300K 100M	300	0,1	0,1	910x740x65	1158x835x60	30	1400,-	965-129	69,-
MWS 400K 100DM	300 400	0,1 0,2	0,1 0,2	1255x1060x60	1255x1060x69	44	1850,-	965-130	88,-
MWS 300K-1LM	300	0,1	0,1	1500x860x68	1500x860x68	42	1950,-	965-129	69,-



**Sturdy handrail scale for a secure feeling during weighing
– with approval for professional medical use in medical
diagnostics, verification optional**





[[1]]



[[2]]

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745
- 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: While weighing patients that are unable to sit or stand still, a mean average weight value is determined
- **2** Practical second display on the back of the scale, which makes it easy for both the patient and the medical 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 platform dimensions 780x680x68 mm
- Overall dimensions WxDxH 780x680x1100 mm
- Battery operation possible, 6x1.5 V AA not included, 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, KERN MPE-A01S05, **€ 44,-**
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- Internal rechargeable battery pack, operating time up to 40 h without backlight, charging time approx. 12 h, KERN MBC-A08, **€ 50,-**
- External mains adapter, 100 V - 240 V, Standard EU, CH, UK, US, AUS, KERN YKA-43, **€ 95,-**
- External mains adapter, 100 V - 240 V, Standard EU, KERN YKA-44, **€ 49,-**
- Interface cable RS-232 to connect an external device, KERN CFS-A01, **€ 50,-**
- Matrix needle printer, KERN YKN-01, **€ 310,-**
- Thermal printer, KERN YKH-01, **€ 420,-**
- For further details, plenty of further accessories and suitable printers, see *Internet*

STANDARD



OPTION



FACTORY



*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg		KERN
KERN MTA 400K-1M	300 400	0,1 0,2	0,1 0,2	2060,-	965-130 €



Mobile chair scale with four steerable wheels – with approval for professional medical use in medical diagnostics, verification optional





[[1]]



[[2]]



[[2]]



[[3]]

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745
- **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 elderly care and for paramedics, and is also suitable for overweight people with a weight
- 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: While weighing patients that are unable to sit still, a mean average weight value is determined
- 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

- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- Internal rechargeable battery pack, operating time up to 50 h without backlight, charging time approx. 14 h, KERN FOB-A08, **€ 70,-**
- Interface cable RS-232 to connect an external device, KERN MPS-A08, **€ 50,-**
- Matrix needle printer, KERN YKN-01, **€ 310,-**
- Thermal printer, KERN YKH-01, **€ 420,-**
- 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	CE 0297

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

Model	Weighing capacity		Readability		Verification value		Price excl. of VAT ex works €	Mandatory by law Verification	
	[Max]	kg	[d]	kg	[e]	kg			KERN
KERN MCB 300K100M	300	kg	0,1	kg	0,1	kg	1400,-	965-129	69,-



Ergonomically optimised chair scale – with approval for professional medical use in medical diagnostics, verification optional





[[1]]



[[2]]



[[2]]



[[3]]



[[4]]



[[5]]

Features

- Verification class III (verification is optional)
- This chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can weigh overweight people
- **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: While weighing patients that are unable to sit still, a mean average weight value is determined
- 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** LCD display, digit height 25 mm
- Dimensions of display device WxDxH 200x130x60 mm
- Dimensions of seating surface WxD 390x360 mm
- Overall dimensions WxDxH 625x979x956 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, KERN MCC-A01, € 35,-
- Protective working cover over the display device, scope of delivery: 5 items, KERN MBC-A06S05, € 44,-
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, € 55,-

STANDARD FACTORY

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg		KERN
MCC 250K100M	250	0,1	0,1	1350,-	965-129 €

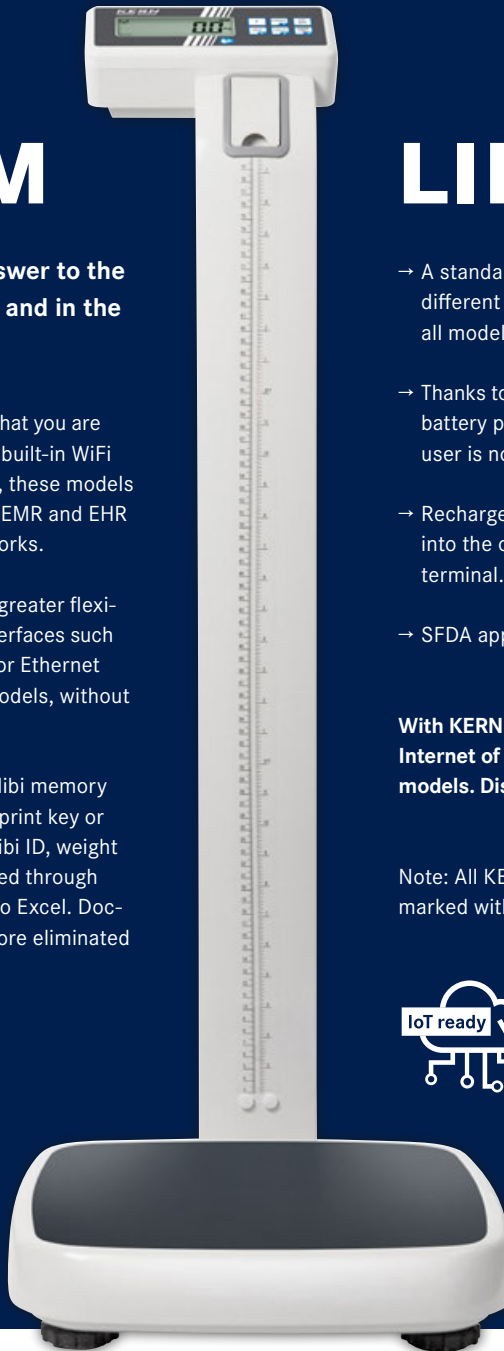
Integratable (IoT-ready) balances with high-end performance

KERN PREMIUM

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 KERN MBA), 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.*

KERN MPN



LINE

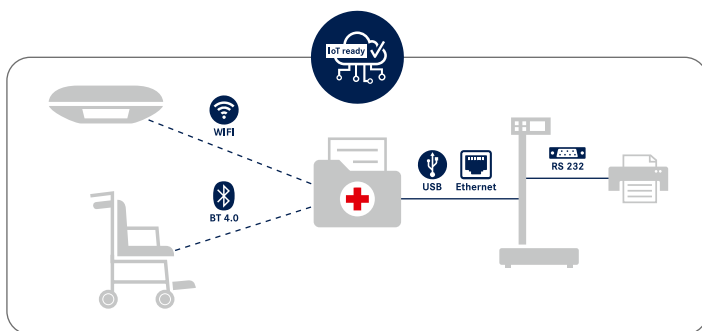
- A standardised concept of operation simplifies handling different products, as the menu structure is the same across all models.*
- Thanks to the standard power supply, optional rechargeable battery pack (except for KERN MBA) or battery option, the user is not tied to a particular location.
- Rechargeable battery or batteries can be easily inserted into the optimised battery compartment on the side of the terminal.*
- SFDA approved since 10/2024

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 KERN MBA is not included



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

Tip

Software KERN Balance Connection SCD-4.0 Pro*: Enables the connection of medical balances to practice EDP systems using the device data transfer protocol (GDT) and also the HL7 protocol

*not compatible with bluetooth interface adapter KUP-06

- Scope of supplies: 1 CD, 1 License
KERN SCD-4.0-PRO, € 380,-
- Scope of supplies: 1 CD, 5 Licenses,
KERN SCD-4.0-PROS05, € 1460,-
- Scope of supplies: Download link for 1 License,
KERN SCD-4.0-PRO-DL, € 380,-

Do you have any questions? The team from our Industry 4.0 centre of expertise will be happy to help:
E-Mail: ITsupport@kern-sohn.com



[[1]]



[[2]]

Compact baby scale with special Safe-Guard tray and approval for professional mobile or stationary medical use in medical diagnostics, verification optional

Features

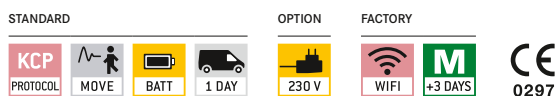
- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- Modern design
- **1** Safe-Guard tray: the special, particularly recessed tray with raised side bolsters offers optimum conditions for the safe weighing of 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: While weighing patients that are unable to lie still, a mean average weight value is determined
- 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, KERN MBA-A01, **€ 120,-**
- WiFi data interface to transfer data from balances to PC or tablet, must be ordered at purchase, KERN YMI-A01, **€ 95,-**
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- External mains adapter, 100 V - 240 V, Standard EU, CH, UK, US, AUS, KERN YKA-43, **€ 95,-**

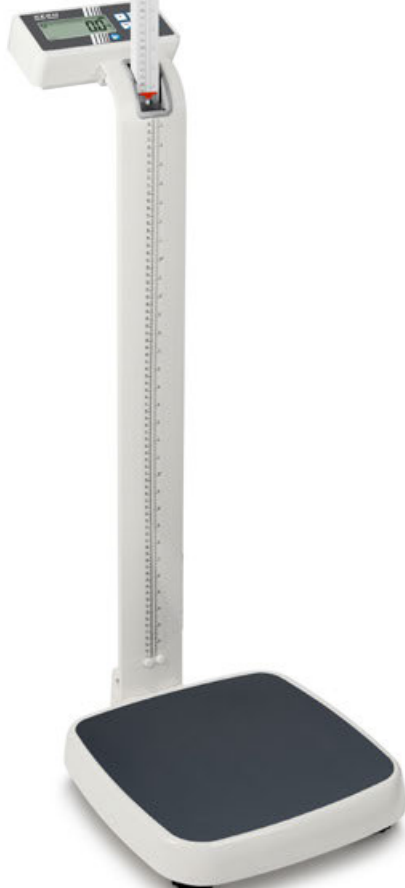


*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg		 KERN
KERN MBA 10K-3M	15	0,005	0,005	540,-	965-128. 46,-



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



KERN MPN-H



KERN MPN-P





[[1]]



[[2]]



[[3]]



[[4]]



[[5]]

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records. 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
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi 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 medical staff to read the weight
- **2** The MPN-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 89 - 205 cm.
- **3** Patients with a height below 80 cm can be measured using the measuring scale fitted on the column

- Robust design with ergonomically optimised shape
- 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: While weighing patients that are unable to stand still, a mean average weight value is determined
- Mother and child function: the parent's weight is measured, and the scale is reset to zero via the button. Subsequently, the parent and baby are weighed together. The weight of the child will then show on the display
- 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
- **4** Battery- or mains-powered, rechargeable battery operation optional
- **5** Easy to transport thanks to the two integrated transport wheels

- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 11 kg

Accessories

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YMR-01, **€ 55,-**
- External mains adapter, 100 V - 240 V, Standard EU, UK, KERN YKA-51, **€ 80,-**
- RS-232 interface adapter, KERN KUP-01, **€ 60,-**
- USB interface adapter, KERN KUP-03, **€ 75,-**
- Ethernet interface adapter, KERN KUP-04, **€ 115,-**
- Bluetooth interface adapter, KERN KUP-06, **€ 99,-**
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13, **€ 75,-**
- Memory module with real time clock (alibi memory), KERN YMM-03, **€ 178,-**

Technical data

- Large LCD display, digit height 25 mm
- Weighing platform dimensions W×D×H 365×360×80 mm

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

STANDARD



OPTION



FACTORY



Model	Weighing capacity	Readability	Verification value	Overall dimensions (with extracted height rod) W×D×H mm	Price excl. of VAT ex works €	Mandatory by law Verification KERN	€
KERN	[Max] kg	[d] kg	[e] kg				
MPN 200K-1PM	250	0,1	0,1	365×570×1030	810,-	965-129	69,-
MPN 200K-1HM	250	0,1	0,1	365×570×2134	860,-	965-129	69,-



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



KERN MPN-M



KERN MPN-LM





Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records. 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
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay
- KERN MPN 300K-1LM: Version with [Max] = 300 kg and larger weighing plate
- 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
- KERN MPN 300K-1LM: Sturdy handle for easy transportation of the scale
- 2 Flexible positioning of display device. 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: While weighing patients that are unable to stand still, a mean average weight value is determined
- Mother and child function: the parent's weight is measured, and the scale is reset to zero via the button. Subsequently, the parent and baby are weighed together. The weight of the child will then show on the display
- 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

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 210×54×100 mm
- Cable length of display device approx. 1,8 m
- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard

Accessories

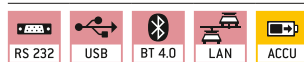
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YMR-01, € 55,-
- External mains adapter, 100 V - 240 V, Standard EU, UK, KERN YKA-51, € 80,-
- RS-232 interface adapter, KERN KUP-01, € 60,-
- USB interface adapter, KERN KUP-03, € 75,-
- Ethernet interface adapter, KERN KUP-04, € 115,-
- Bluetooth interface adapter, KERN KUP-06, € 99,-
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13, € 75,-
- Memory module with real time clock (alibi memory), KERN YMM-03, € 178,-

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] kg	Verification value [e] kg	Weighing plate W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €	Mandatory by law Verification KERN €
KERN MPN 200K-1M	250	0,1	0,1	365×370×80	9	650,-	965-129 69,-
KERN MPN 300K-1LM	300	0,1	0,1	400×500×120	12	820,-	965-129 69,-



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





Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records. 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
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi 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: While weighing patients that are unable to stand still, a mean average weight value is determined
- BMI function to determine underweight/normal weight/surplus weight
- 1 Wall mount for display device, standard
- 2 The scale can be easily transported using the handle and two rollers and does not require much storage space
- Battery- or mains-powered, rechargeable battery operation optional

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. 1,8 m
- Overall dimensions WxDxH 1160x830x73 mm
- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 30 kg

Accessories

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YMR-01, € 55,-
- External mains adapter, 100 V - 240 V, Standard EU, UK, KERN YKA-51, € 80,-
- RS-232 interface adapter, KERN KUP-01, € 60,-
- USB interface adapter, KERN KUP-03, € 75,-
- Ethernet interface adapter, KERN KUP-04, € 115,-
- Bluetooth interface adapter, KERN KUP-06, € 99,-
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13, € 75,-
- Memory module with real time clock (alibi memory), KERN YMM-03, € 178,-

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

STANDARD

OPTION

FACTORY

Model	Weighing capacity	Readability	Verification value	Price excl. of VAT ex works €	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg		€
KERN MWN 300K-1M	300	0,1	0,1	1690,-	965-129 69,-



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





[[1]]



[[2]]



[[2]]



[[3]]



[[4]]



[[5]]

Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745 and SFDA
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records. 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
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi 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
- **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: While weighing patients that are unable to sit still, a mean average weight value is determined
- 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

- Battery operation possible, 6×1.5 V AA not included, operating time up to 20 h
- **4** Mains adapter external, standard

Accessories

- **5** Practical mains adapter pouch to store the mains adapter which is supplied as standard. Fitting option using two Velcro fasteners, KERN MCC-A01, **€ 35,-**
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YMR-01, **€ 55,-**
- External mains adapter, 100 V - 240 V, Standard EU, UK, KERN YKA-51, **€ 80,-**
- Interface adapter RS-232, KERN KUP-01, **€ 60,-**
- USB, KERN KUP-03, **€ 75,-**
- Ethernet, KERN KUP-04, **€ 115,-**
- Bluetooth, KERN KUP-06, **€ 99,-**
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13, **€ 75,-**
- Memory module with real time clock (alibi memory), KERN YMM-03, **€ 178,-**

Technical data

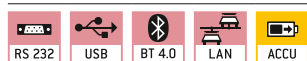
- **3** Large LCD display, digit height 25 mm
- Dimensions of seating surface W×D 390×360 mm
- Dimensions of display device W×D×H 210×54×100 mm

*Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

STANDARD



OPTION



FACTORY



Model	Weighing capacity	Readability	Verification value	Net weight approx.	Price excl. of VAT ex works €	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg	kg	€	KERN
KERN MCN 200K-1M	250	0,1	0,1	24	1790,-	965-129 €

PROFESSIONAL CARE



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.

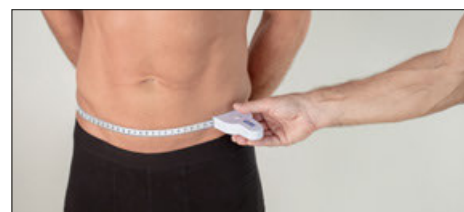
If the balance is not going to be used in medical applications, these approvals are not legally required. I.e. Professional Care balances are not verified and can also not be verified. This is a significant difference when compared with Approved Medical Device balances from KERN.

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 the Verification Office: Scales in medical applications dated 19.04.2013)



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

Technical data

- Measuring tape length 205 cm (80 inch)

Note: The model with the suffix -S05 is delivered in a set of 5 units. i.e. the price given in the table refers to 5 items

STANDARD



Model	Measuring range	Increments of	Overall dimensions	Net weight	Price excl. of VAT ex works €
KERN	mm (inch)	mm (inch)	W×D×H mm	kg	
MSW 200	10 – 205 (4 – 80)	1 (0,1)	55×90×20	0,05	10,-
MSW 200S05	10 – 205 (4 – 80)	1 (0,1)	55×90×20	0,25	45,-



[[1]]



[[2]]

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

Features

- Especially suitable for use in rehabilitation centres for determining manual clamping force
- There are four measuring methods, which for example, as part of a rehabilitation program, help the medical staff to monitor the fitness of the patient's hands and carry out controlled training:
 - Real time mode: immediately shows the client's current strength
 - Peak/Max mode: shows the maximum strength of a client's grip
 - Average mode: Calculates the average strength from two grips
 - Counting mode: Counts the number of presses which exceed a previously defined strength limit
- 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

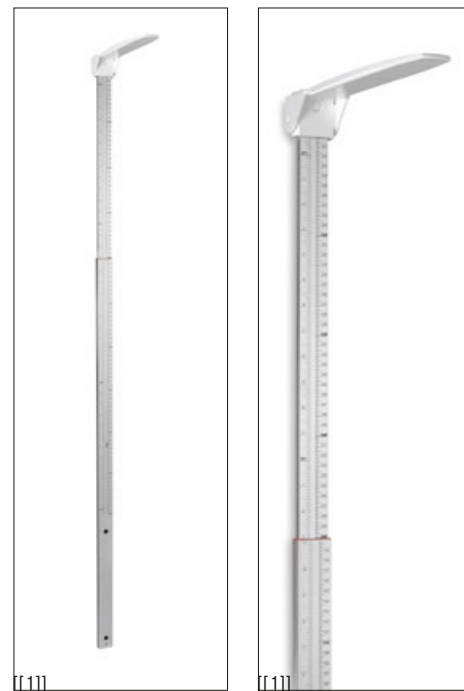
- Integrated AUTO-OFF function after 1 min minute to preserve the batteries
- Weight displayed in kg or lb
- KERN MAP 80K1S: Special version for children: The small handle depth allows children in particular to easily and ergonomically grip the handles
- KERN MAP 130K1: Special version for body builders: 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	Readout	Spring sets	Overall dimensions	Price excl. of VAT ex works €	Option	
						ISO	Calibr. Certificate
KERN	[Max] kg	[d] g	kg	WxDxH mm	€	KERN	€
MAP 80K1S	80	100	10, 20, 40, 80	55x88x212	285,-	961-102K	167,-
MAP 80K1	80	100	20, 40, 80	55x102x212	285,-	961-102K	167,-
MAP 130K1	130	100	40, 80, 130	55x102x212	285,-	961-102K	167,-



Personal floor scale with BMI function

Features	Technical data	Accessories
<ul style="list-style-type: none"> 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: While weighing patients that are unable to stand still, a mean average weight value is determined 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 	<ul style="list-style-type: none"> LCD display, digit height 25 mm Dimensions of display device W×D×H 210×110×50 mm KERN MPB: Cable length of display device approx. 1,2 m Overall dimensions W×D×H KERN MPB: 315×300×60 mm KERN 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 	<ul style="list-style-type: none"> Mechanical height rod, measuring range: 60 cm – 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 or regulation (EU) 2017/745, KERN MSF 200, € 110,- Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01, € 235,- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, € 55,-

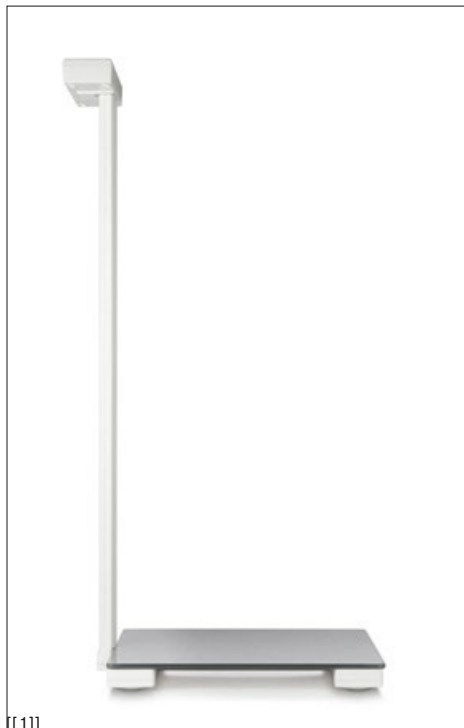
STANDARD

Model	Weighing range	Readout	Weighing plate	Net weight approx.	Price excl. of VAT ex works
	[Max] kg	[d] kg	W×D×H mm	kg	€
KERN					
MPB 300K100	300	0,1	315×300×60	4,6	230,-
MPB 300K100P	300	0,1	315×300×55	7	425,-



Personal scale with column for convenient, ergonomically-optimised operation





[[1]]



[[2]]



[[3]]

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
- KERN MPL: BMI function to determine underweight/normal weight/surplus weight
- KERN MPL: Tare function to zero the balance
- 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
- **3** Delivered in design packaging

Technical data

- Large LCD display, digit height 28 mm
- Weighing platform 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

- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, € 55,-

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,-



Personal scale 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
- 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

Technical data

- Large LCD display, digit height 30 mm
- Overall dimensions W×D×H 434×370×40 mm
- Ready for use: Batteries included, 4×1,5 V AAA, operating time up to 20 h
- Net weight approx. 3,2 kg

Accessories

- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, € 55,-

Note: The model with the suffix -S05 is delivered in a set of 5 units. i.e. the price given in the table refers to 5 items

STANDARD

Model	Weighing capacity	Readability	Quantity delivered (balance)	Price excl. of VAT ex works €
	[Max] kg	[d] kg		
KERN				
MPI 200K-1	200	0,1	1	105,-
MPI 200K-1S05	200	0,1	5	490,-

NEW



[[2]]



[[2]]



[[3]]

Mobile wheelchair platform scale with handles and rollers

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. to 600 kg
- Lightweight, compact construction for mobile use
- **2** The scale can easily be transported using the two rollers and two handles and does not require much storage space
- PRE-TARE function for deduction of a known weight, for example of a wheelchair. Memory for ten PRE-TARE values
- **3** Level indicator to level the balance precisely
- Wall mount for display device, standard
- Universal external mains adapter included with delivery
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface WxD 800x800 mm
- Dimensions of display device WxDxH 235x114x51 mm
- Cable length of display device approx. 5 m
- Overall dimensions WxDxH 1100x1000x80 mm
- Optional battery operation, 4x1.5 V AA not included in scope of delivery, operating time up to 60 h
- Net weight approx. 40 kg

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, **€ 44,-**
- Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B, **€ 112,-**

STANDARD



1

Model	Weighing capacity	Readability	Price excl. of VAT ex works €
KERN	[Max] kg	[d] kg	
MWC 600K-1	600	0,1	890,-



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





[[1]]



[[2]]



[[2]]



[[3]]



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
- **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: While weighing patients that are unable to sit still, a mean average weight value is determined
- 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 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

- 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. 22 kg

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN MBC-A06S05, **€ 44,-**
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**

STANDARD



Model	Weighing capacity	Readability	Price excl. of VAT ex works €
KERN	[Max] kg	[d] kg	
MCD 300K-1	300	0,1	1170,-

PATIENTS AND CUSTOMERS OPTIMUM CARE

Weight management in the care sector – with the wide variety of balances from KERN you can guarantee the very best patient care for your customers

Our KERN range guarantees high-quality patient care in care institutions and clinics. Our medical scales are available in different versions and offer high precision, the highest levels of safety and comfort for all patient groups.

With our comprehensive range of products and support, we can help you as a dealer to effectively meet the challenges of your customers in the care sector and strengthen your market position.



→ Do you need a personal consultation?

Please contact us:

Tel. +49 7433 9933-268

jobst.kamal@kern-sohn.com

KERN advantages for you as a dealer:

- **Expand your product portfolio** – with our balances you can position yourself as an all-round equipment supplier for care institutions.
- **Increase your market opportunities** – at a time when the population is ageing and the need for high-quality care is increasing, our products offer significant opportunities for growth.
- **Increase customer satisfaction** – by providing products, which simplify day-to-day nursing care and improve patient care.
- **Support and training** – we offer extensive training courses and technical support, to make sure that care institutions gain the most benefit from our products.



The KERN range – ideal for the healthcare sector

Precise, reliable measurements: Precise weight data is crucial for the correct dosage of medication and for monitoring the patients' nutritional situation.

Improved safety and comfort: Our wheelchair and chair weighers maximise safety and stability, while handrail scales offer patients the very best support when standing.

Supporting digitization: Our balance models are fitted with optional interfaces which enable them to be integrated seamlessly into the systems of healthcare facilities. This makes it easier to efficiently monitor, document and manage patient data.

Excerpt from the KERN product range for medical devices:

Personal scales with and without altimeter

For routine monitoring and calculation of body mass index



Chair weighers

A safe and comfortable solution for weighing patients who cannot stand safely

Wheelchair platform scales

Simple and effortless weight measurement for patients who are dependent on a wheelchair



Handrail scales

To support patients who need support when standing

**PROFESSIONAL
CARE**



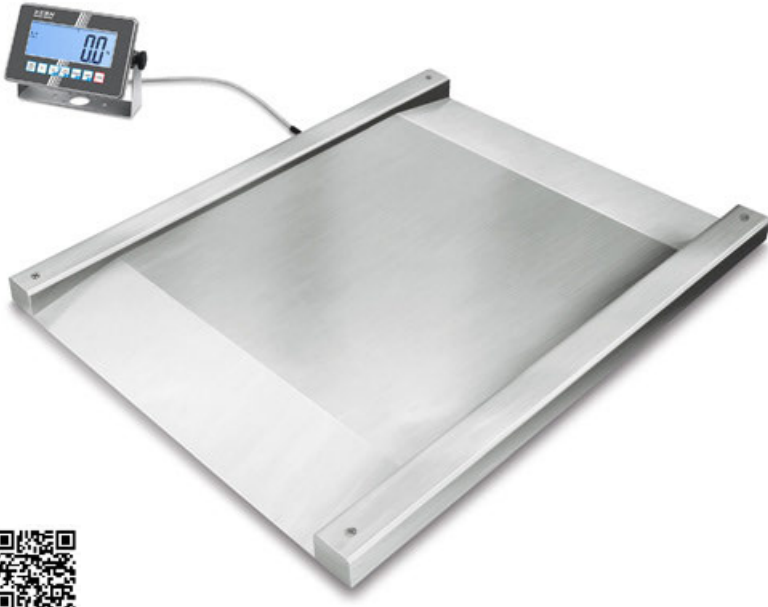
HOSPITAL NEED

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.

NEW



[[1]]

Stainless steel drive-through scale with two integrated access ramps, verification optional

Features

- Robust stainless steel drive-through scale for rapid weighing of e.g. laundry carts, container trolleys, roller containers, etc.
- Low platform height and integrated access ramps on both sides facilitate access
- Weighing bridge stainless steel, extremely resistant to bending
- 4 welded stainless steel load cells, IP67 dust and spray protection
- Stainless steel display device with protection against dust and water splashes IP68
- Superior display size: digit height 48 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
- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections and two wireless connections
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- Wall mount for display device, standard

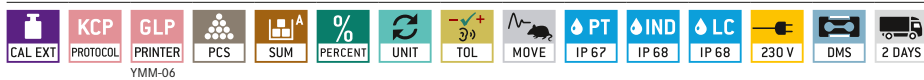
Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions weighing surface, stainless steel, WxD 1000x1000 mm (without ramps)
- Platform height in the drive-through area: 80 mm
- Overall dimensions WxDxH 1600x1220x95 mm
- Dimensions of display device WxDxH 232x150x80 mm
- Cable length of display device approx. 5 m
- Net weight approx. 105 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 170,-**
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03, **€ 95,-**
- Internal rechargeable battery pack, operating time up to 22 h without backlight, charging time approx. 8 h, KERN YKR-01, **€ 35,-**
- Memory module with real time clock (alibi memory), KERN YMM-06, **€ 160,-**
- Internal data interface RS-232, interface cable included, KERN KUM-01, **€ 120,-**
- Internal data interface USB, interface cable included, KERN KUM-03, **€ 120,-**
- Internal data interface Ethernet, interface cable included, KERN KUM-04, **€ 165,-**
- Internal data interface WiFi, KERN KUM-05, **€ 95,-**
- Internal data interface Bluetooth, KERN KUM-06, **€ 135,-**
- Analogue module, KERN KUM-08, **€ 145,-**
- For further details, plenty of further accessories and suitable printers, see *Internet*

STANDARD



OPTION FACTORY



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. Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

Model	Weighing capacity	Readability	Verification value	Minimal load	Price excl. of VAT ex works €	Options Verification	€
	[Max] kg	[d] kg	[e] kg	[Min] kg		MIII KERN	
KERN NXC 600K-1M	600	0,2	0,2	4	3890,-	965-230	158,-
KERN NXC 1.5T-4M	1500	0,5	0,5	10	3940,-	965-230	158,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.



[[1]]



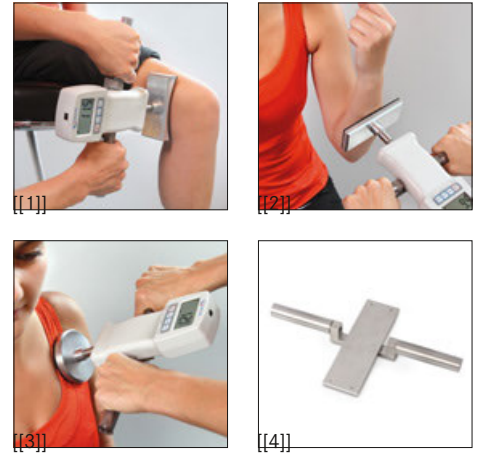
[[1]]

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

Features	Technical data	Accessories
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Large backlit LCD display, digit height 25 mm Overall dimensions W×D×H 285×255×90 mm 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 	<ul style="list-style-type: none"> Protective working cover, scope of delivery 5 items, KERN FOB-A13S05, € 52,- External mains adapter, KERN YKA-29, € 43,- ■ Tare pan made from stainless steel, overall dimensions W×D×H 400×300×45 mm, KERN RFS-A02, € 75,-

STANDARD	OPTION

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



Force measurement for medical applications

Features

- Determining muscle function and force is used within many areas of medical diagnostics. Amongst others, in
 - orthopaedics for determining the function of the musculoskeletal system
 - physiotherapy for restoring motivity
 - occupational therapy for treating physical damage
- Within sport, too, measuring muscular force development can be used alongside training
- These measurements can be supported by the SAUTER FK (alternatively SAUTER FH) force gauge when connected with the three physio sensors (AC 45, AC 46, AC 47) as shown
- These sensors to measure muscular strength have been designed in an ergonomic manner. The surface is made of soft foam rubber, which sits comfortably against the skin

- Connecting the precision measuring device with the optional stainless steel handles SAUTER AFK 02 | AFH 04 means that you can obtain reliable weighing results
- All components can be ordered individually

Technical data

SAUTER FK

- Ready for use: Batteries included, 6x1.5 V AA

SAUTER FH

- Rechargeable battery pack integrated, as standard, operating time up to 40 h without backlight, charging time approx. 120 min

Accessories

- **1** Concave force sensor with optimised radius for the measurement particularly of arms and legs up to 1 kN, inner thread: M6, KERN AC 45, **€ 135,-**
- **2** Flat square-shaped sensor for lateral power sensing of back, chest or arm up to 1 kN, inner thread: M6, KERN AC 46, **€ 90,-**
- **3** Round sensor to measure particular muscle groups, such as, for example, the shoulder up to 1 kN, inner thread: M6, KERN AC 47, **€ 95,-**

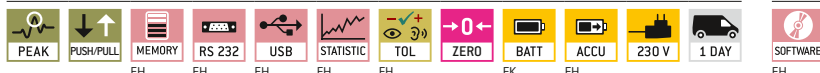
SAUTER FK

- **4** Stainless steel handle bar with rubber grip, SAUTER AFK 02, **€ 105,-**
- Threaded pin made of steel for SAUTER force gauges and clamps, external thread: M6, internal thread: M8, KERN AFM 22, **€ 18,-**

SAUTER FH

- **4** Stainless steel handle bar with rubber grip, SAUTER AFH 04, **€ 105,-**

STANDARD



OPTION

Model	Measuring range range [Max] N	Division [d] N	Thread	Overall dimensions W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €
FK 50	50	0,02	M8	195×82×35	0,75	275,-
FK 100	100	0,05	M8	195×84×35	0,60	275,-
FK 250	250	0,1	M8	195×82×35	0,60	275,-
FK 500	500	0,2	M8	195×84×35	0,65	275,-
FK 1K	1000	0,5	M8	195×83×35	0,50	275,-
FH 50	50	0,01	M6	280×70×40	0,55	590,-
FH 100	100	0,05	M6	280×70×40	0,55	590,-
FH 200	200	0,1	M6	280×70×40	0,55	590,-
FH 500	500	0,1	M6	280×70×40	0,55	590,-



Most wanted and highly coveted: Discover the future of weighing and measuring technology with more than 5000 high-quality products. The new KERN product catalogues 2025 are available in five languages!

BALANCES AND TEST SERVICE

Get a full overview of the wide range from KERN, including our high-quality balances, test weights and services such as verification and calibration services.

MEDICAL SCALES

Our medical scales cover the full array: baby scales to personal scales, chair scales and adiposity scales through to hand grip dynamometers, pharmaceutical balances and veterinary scales, we offer the complete range.

MICROSCOPES AND REFRACTOMETERS

Discover our large range of optical instruments, such as, for example our compound, polarisation or fluorescence microscopes, or our analogue and digital refractometers.

SAUTER MEASURING TECHNOLOGY

From force-measuring devices through to hardness measuring equipment and on to measuring cells - you can find everything you need for accurate, reliable measurements.

TEST SERVICE BROCHURE

Detailed information on all topics pertaining to the calibration and conformity assessment of balances, test weights and measuring devices.

All catalogues and information material are available for you to download as PDF files from our website:
www.kern-sohn.com/shop/en/DOWNLOADS



**PROFESSIONAL
CARE**

MICROSCOPES & REFRACTOMETERS



KERN offers you a complete, carefully compiled range of biological microscopes, stereomicroscopes, metallurgical microscopes, polarization microscopes, particularly flexible, pre-configured stereomicroscope sets, individually configurable stereomicroscope systems as well as microscope cameras and camera software.

The main fields of application are haematology, urology, gynaecology, dermatology, pathology, microbiology and parasitology, immunology, oncology, cell and tissue culture research and breeding, veterinary medicine, etc.

The KERN high-performance microscopes are particularly suitable for viewing preparations in culture vessels (bottles, trays, microtiter plates), translucent and thin, low-contrast, demanding preparations (e.g. living Mammalian cells, tissue, possibly also microorganisms, immunofluorescence, FISH, DAPI coloring etc.)

Furthermore, KERN offers a wide range of analogue and digital refractometers. Quickly and easily determine reliable measured values, no matter whether in the laboratory or on site, this ensures safety, consistent quality and accelerates the processes. This is what the analogue and digital refractometers from KERN stand for, and at an extremely attractive price in consistently high quality. The refractometers are mainly used in hospitals, doctors' surgeries, medical training facilities, nursing homes, sports medicine (doping control), veterinary surgeries, etc.



Monocular version



Trinocular version



Butterfly tube

Elegant, dynamic and impressive – the new all-round compound microscope for schools, training and laboratories

Features

- The brand new OBE-12/13 range stands out through its exclusive, dynamic device, which is second to none in terms of sturdy construction and ergonomics. The clever storage compartment on the back will enable quick practical storage for your power cable. Thanks to the USB connection technology, it is also possible to supply power using an external powerbank
- The impressive, infinitely dimmable 3 W LED guarantees bright illumination of your sample
- A further highlight is the butterfly lens barrel which enables you to achieve the ideal viewing angle and is integrated as standard on all binocular and trinocular models. The height-adjustable and thereby focusable 1.25 Abbe condenser with aperture diaphragm is a further quality feature of the OBE range and guarantees the very best concentration of light

- Height adjustment of the fully-equipped mechanical stage is carried out using a coarse and fine focusing knob on both sides. The ergonomically designed coaxial drive enables you to work with the samples and move them rapidly
- A large selection of different eyepieces and objectives are available to you as accessories
- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of the delivery
- A C-mount adapter is required to connect a camera to the trinocular version

Scope of application

- Training, haematology, sediment investigation, doctor's practise

Applications/Samples

- Translucent, thin, high-contrast, less complex samples (e.g. plant tissue, coloured cells/parasites)

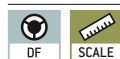
Technical data

- Finite optical system
- Quadplex nosepiece
- Butterfly 30° inclined
- Monocular lens barrel 30° inclined
- Diopter adjustment: One-sided (for binocular and trinocular models)
- Overall dimensions W×D×H 360×150×320 mm
- Net weight approx. 4,6 kg

STANDARD



OPTION



Standard configuration

Model	Tube	Eyepiece	Objective quality	Objectives	Illumination	Price excl. of VAT ex works €
KERN						
OBE 121	Monocular	HWF 10×/ø 18 mm	Achromatic		3W LED (transmitted)	490,-
OBE 122	Binocular	HWF 10×/ø 18 mm	Achromatic	4×/10×/40×	3W LED (transmitted)	580,-
OBE 124	Trinocular	HWF 10×/ø 18 mm	Achromatic		3W LED (transmitted)	690,-
OBE 131	Monocular	HWF 10×/ø 18 mm	Achromatic		3W LED (transmitted)	540,-
OBE 132	Binocular	HWF 10×/ø 18 mm	Achromatic	4×/10×/40×/100×	3W LED (transmitted)	640,-
OBE 134	Trinocular	HWF 10×/ø 18 mm	Achromatic		3W LED (transmitted)	760,-



Trinocular version



Simple polarising attachment

The flexible laboratory assistant with infinity optical system and fixed, pre-centred Koehler illumination

Features

- The OBL series stands out through its infinity optical unit and is therefore ideally suited for all demanding transmitted illumination applications. The robust and ergonomic stand base guarantees safe and comfortable working
- The fixed, pre-centred and focusable 1,25 Abbe condenser with aperture diaphragm and field diaphragm gives you a simplified Koehler illumination, without having to move the centre
- The large mechanical stage and its specimen holder holds up to two samples at the same time and is quick and easy to focus using a coaxial coarse and fine focusing knob on both sides
- A large selection of eyepieces, objectives and colour filters as well as a darkfield condenser, a simple polarising unit, different phase contrast kits through to HBO and LED fluorescence units are available to you as accessories

- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of delivery
- A C-mount adapter is required to connect a camera to the trinocular version. You can select this adapter from the following model outfit list
- Please find detailed information in the following model outfit list

Scope of application

- Haematology, urology, gynaecology, dermatology, pathology, microbiology and parasitology, immunology, oncology, entomology, vets, water analysis, sewage treatment plants and breweries

Applications/Samples

- Translucent, thin, low-contrast, challenging samples (e.g. living mammal cells, bacteria, tissue)

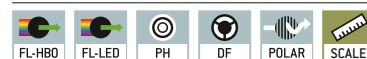
Technical data

- Infinity optical system
- Quadplex nosepiece
- Siedentopf 30° inclined/360° rotatable
- Diopter adjustment: One-sided
- Overall dimensions W×D×H 395×200×380 mm
- Net weight approx. 6,7 kg

STANDARD



OPTION



Model	Standard configuration					Price excl. of VAT ex works €
	Tube	Eyepiece	Objective quality	Objectives	Illumination	
KERN						
OBL 127	Binocular	HWF 10×/ø 20 mm	Infinity E-Plan	4×/10×/40×/100×	3 W LED (transmitted)	1060,-
OBL 137	Trinocular	HWF 10×/ø 20 mm	Infinity E-Plan		3 W LED (transmitted)	1200,-



OBN-15: Mounted phase contrast condenser



Quintuple PH universal rotary condenser with 10×/20×/40×/100× Infinity PH-Plan objectives (complete set, for OBN-15 included)

Professionalism and versatility united in one microscope – with Koehler illumination for demanding applications

Features

- The OBN series stands out because of its unbeatable and consistently high quality and its ergonomic design. The range of modular components means that the OBN series can be individually customised for the professional user
- Depending on the application, there is a choice of models with strong, continuously dimmable 3 W LED or 20 W halogen transmitted illumination (Philips)
- In addition the microscope is available as a pre-configured phase contrast microscope, which, through the combination of a professional quintuple condenser wheel, phase contrast condenser and Infinity Plan phase contrast objectives makes it a high-quality, fully-equipped microscope for all applications related to contrast procedures
- This series has a professional Koehler illumination unit with an adjustable field diaphragm as well as a height-adjustable 1,25 Abbe condenser which can be centred and which has an adjustable aperture diaphragm

- The extremely large mechanical stage with ergonomic, coaxial coarse and fine focusing knob on both sides enables you to adjust and focus your sample rapidly and accurately
- A wide variety of modular systems, such as, for example, a swing-out condenser, various eyepieces, objectives, colour filters, phase contrast units, a darkfield condenser, a simple polarising unit, Butterfly tube, through to complete fluorescence units are available to you as accessories
- The centring eyepiece for adjusting the phase contrast (OBN-15), a protective dust cover, eye cups as well as multi-lingual User instructions are included with the delivery
- A C-mount adapter is required to connect a camera. You can select this adapter from the following model outfit list
- Please find detailed information in the following model outfit list

Scope of application

- Haematology, urology, gynaecology, dermatology, pathology, microbiology and parasitology, immunology, Sewage treatment plants, oncology, entomology, vets, water analysis and breweries

Applications/Samples

- Translucent, thin, low-contrast, challenging samples (e.g. living mammal cells, bacteria, tissue)

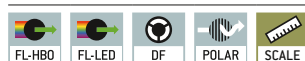
Technical data

- Infinity optical system
- Quintuple nosepiece
- Siedentopf 30° inclined/360° rotatable
- Diopter adjustment: Both-sided
- Overall dimensions W×D×H 390×200×400 mm
- Net weight approx. 9 kg

STANDARD



OPTION



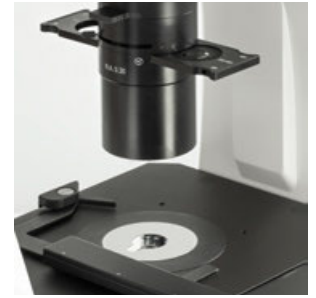
Model	Standard configuration					Price excl. of VAT ex works €
	Tube	Eyepiece	Objective quality	Objectives	Illumination	
KERN OBN 132	Trinocular	HWF 10×/∅ 20 mm	Infinity Plan	4×/10×/20×/40×/100×	20 W Halogen (transmitted)	1680,-
OBN 135	Trinocular	HWF 10×/∅ 20 mm	Infinity Plan	40×/100×	3 W LED (transmitted)	1690,-
OBN 158	Trinocular	HWF 10×/∅ 20 mm	Infinity Plan	4×/PH10×/PH20×/PH40×/PH100×	20 W Halogen (transmitted)	2970,-
OBN 159	Trinocular	HWF 10×/∅ 20 mm	Infinity Plan	PH40×/PH100×	3 W LED (transmitted)	2990,-



OCM 161



OCM 165-168



N.A. 0,3 Abbe Condenser with phase contrast slide



Coaxial control knobs for x/y can be fitted either left or right

The inverted biological laboratory microscope – also with fluorescence

Features

- The OCM range stands out through its design which is ergonomic, robust and extremely stable. This design, with its large working distance, is particularly suitable for the monitoring and analysis of cell cultures, for example
- A strong and continuously adjustable 30W halogen illumination unit ensures the optimum illumination in the bright field of your samples. In addition, either an Osram 100 W-HBO- (OCM 165/166) or a 5 W-LED Epi fluorescence incident illumination unit (OCM 167/168) are available to you as a fluorescence microscope for perfect illumination and stimulation of your fluorescence samples
- A special Abbe N.A. 0.3 condenser with aperture diaphragm and large working distance of 72 mm guarantees the very best working practise in the bright field and with fluorescence applications
- As standard, the OCM range is fitted with a trinocular eyepiece tube

- The mechanical stage including specimen holder (∅ 110 mm) means that you can work quickly and effectively. Further brackets for petri dishes are included with delivery or available as accessories
- Further options such as, for example, a selection of eyepieces, objectives, specimen holders and other phase contrast units can be integrated as accessories
- A dust cover as well as user instructions are included with the delivery
- Please find detailed information in the following model outfit list

Scope of application

- Research and breeding of cell cultures and tissue cultures

Applications/Samples

- Particularly for viewing samples in culture vessels (flasks, petri dishes, microtitre plates), translucent, thin, low-contrast, challenging samples (e.g. living mammal cells, tissue, microorganisms if necessary, immunofluorescence, FISH, DAPI staining etc.)

Technical data

- Infinity optical system
- Quintuple nosepiece
- Siedentopf 45° inclined
- Diopter adjustment: Both-sided

OCM 161

- Overall dimensions W×D×H 304×599×530 mm
- Net weight approx. 13,5 kg

OCM 165-168

- Overall dimensions W×D×H 304×782×530 mm
- Net weight approx. 21 kg

STANDARD



OCM 161/165/166
OCM 165/166
OCM 167/168

OCM 161

Standard configuration

Model	Tube	Eyepiece	Objective quality	Objectives	Illumination	Price excl. of VAT ex works €
KERN OCM 161	Trinocular	HWF 10×/∅ 22 mm	Infinity Plan		30 W Halogen (transmitted)	3790,-
OCM 165	Trinocular	HWF 10×/∅ 22 mm	Infinity Plan		30 W Halogen + 100 W Epi Fluorescence (B/G)	9180,-
OCM 166	Trinocular	HWF 10×/∅ 22 mm	Infinity Plan	LWD10×/LWD20×/LWD40×/LWD20×PH	30 W Halogen + 100 W Epi Fluorescence (UV/V/B/G)	10790,-
OCM 167	Trinocular	HWF 10×/∅ 22 mm	Infinity Plan		5W-LED + 5W Epi Fluorescence (B/G)	9180,-
OCM 168	Trinocular	HWF 10×/∅ 22 mm	Infinity Plan		5W-LED + 5W Epi Fluorescence (UV/V/B/G)	10790,-



[[1]]



KERN ORM

Also available as digital hand- or laboratory versions. We will be happy to consult you.

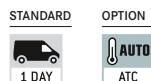
Refractive index measurement for hospitals, medical training institutions or in sports medicine

Features

- The KERN ORA refractometers are universal, maintenance-free analogue handheld refractometers
- The main scope of applications is: Hospitals, Doctor's surgeries/Physicians, Medical training institutions, Nursing homes, Sports medicine (doping test)
- The ORA 2PA is particularly suitable for measuring the specific gravity (sg) in urine, the quantity of serum (serumproteine) in urine (doping control among athletes), and the refractive index. The ORA 5PB has been developed specially for the veterinary sector
- The handy and robust design allows the easy, efficient and sustainable use in everyday life.
- Manually calculated conversions and errors of the user are avoided by multiple selectable scales
- These scales are especially developed, exactly calculated and checked. They are also characterized by their thin and clear lines
- The optical system and the prism cover are made of special material which allows a low-tolerance measuring
- All ORA models are equipped with an eyepiece for easy and smooth setting for many different diopter strengths
- The models marked with "ATC" have an automatic temperature compensation which enables accurate measurement at different ambient temperatures
- The following accessory parts are included:
 - Storage box
 - Calibration liquid
 - Pipette
 - Screwdriver
 - Cleaning tissue
- Further accessories are optionally available

Technical data

- Die-cast housing of copper-aluminium alloy, chrome coated
- Measurement temperature without ATC: 20 °C
- Measurement temperature range with ATC: 10 °C/30 °C
- Dimensions of the box W×D×H 205×75×55 mm
- Packing dimensions W×D×H 215×94×65 mm
- Product length: approx. 130 – 200 mm (depending on the model)
- Net weight approx. 145 g
- Please refer to the website for further details as well as information on the full range of model features



Model	Scales	Measuring range	Division	ATC	Price excl. of VAT ex works €
KERN					
ORA 32BA	Brix	0 – 32 %	0,2 %	✓	95,-
ORA 4RR	Refractive index	1,440 – 1,520 nD	0,001 nD		95,-
ORA 2PA	Serum protein	0 – 12 g/dl	0,2 g/dl		95,-
	Urine (spec. gravity)	1,000 – 1,050 sgU	0,002 sgU	✓	
	Refractive index	1,3330 – 1,3600 nD	0,0005 nD		
ORA 5PB	Serum protein	2 – 14 g/dl	0,1 g/dl		90,-
	Urine (s. g. dog)	1,000 – 1,060 sgU	0,001 sgU		
	Urine (s. g. cat)	1,000 – 1,060 sgU	0,001 sgU		

**PROFESSIONAL
CARE**

VETERINARY SCALES



Animal scales for weighing various animals such as rabbits, cats, dogs, snakes, sheep, etc.

Electronic animal scales from KERN are the very best tool for checking animal weight. KERN animal scales stand out from the crowd because they are easy to use, have a high degree of mobility, with robust technology, a large display and ergonomic design. From scales for small animals, which are also ideal for weighing animal feed in line with a diet sheet, through to high-capacity floor scales for animals weighing up to 300 kg, right up to hanging and crane scales for mobile weighing of animals up to 1 ton, KERN's veterinary scale range offers a wide choice.

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

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

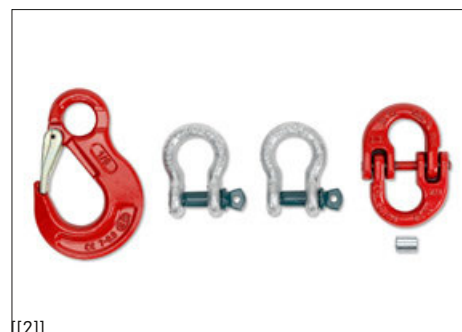


KERN HCB

KERN HDB



[[1]]



[[2]]

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

Features

- Thanks to the animal weighing function, it can also be used by vets. Compact - so it can be stored in the vet's case and is ideally suited for heavy pets
- Hold function: For easy reading of the weighing result, the display can be "frozen" in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Varied options for hanging the items, thanks to the hook included as standard (not with models HCB with [Max] ≥ 0.5 t)
- Peak load display (peak hold), Measuring frequency 5 Hz

KERN HCB

- [Max] ≤ 200 kg: Snap link (stainless steel) with safety catch and hook (stainless steel) as standard

- [1] [Max] ≥ 500 kg: Reinforced version for heavy loads. Snap link and hook not included

KERN HDB

- With practical carrying handle
- Hinged hook (steel)
- Handy and mobile

Technical data

- LCD display, digit height 12 mm
- KERN HCB: Hole diameter of load support, model with [Max] ≤ 200 kg: approx. 14 mm [Max] ≥ 500 kg: approx. 16 mm
- KERN HCB: Ready for use: Batteries included, 3×1.5 V AA, operating time up to 300 h
- KERN HDB: Ready for use: Batteries included, 2×1.5 V AAA, operating time up to 180 h

Accessories

KERN HCB

- [2] Hook with safety catch, galvanised and lacquered cast steel, not rotatable, scope of delivery: 2 shackles, 1 connecting link, 1 hook, KERN YHA-06, € 140,-
- High-strength shackle, hot-dipped galvanised cast steel bracket, curved edge. Scope of delivery: 2 shackles, KERN YSC-04, € 60,-

Accessories for models with [Max] ≤ 200 kg

- Snap link (stainless steel) with safety catch, opening approx. 13 mm, KERN HCB-A01, € 35,-
- Hook (stainless steel), opening approx. 29 mm, KERN HCB-A02, € 35,-

KERN HDB

- Tare pan with pan beam, max. load 30 kg, details see *Accessories*, KERN CH-A01N, € 88,-

STANDARD



OPTION



Model	Weighing capacity	Readability	Dimensions housing W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €
	[Max] kg	[d] kg			
Stainless steel hook					
HCB 20K10	20	0,01	82×43×153	0,30	115,-
HCB 50K20	50	0,02	82×43×153	0,30	125,-
HCB 99K50	99	0,05	82×43×153	0,30	105,-
HCB 100K200	100	0,2	82×43×153	0,30	105,-
HCB 200K100	200	0,1	82×43×153	0,30	125,-
HCB 1T-3	1000	2	82×48×153	0,60	265,-
Steel hook					
HDB 5K5N	5	0,005	72×25×105	0,20	62,-
HDB 10K10N	10	0,01	72×25×105	0,20	62,-



All-purpose small pet scale for mobile and stationary use

Features

- Ideal table scale for weighing small animals or for the laboratory
- Particularly flat design
- Plastic weighing plate, can be removed
- Simple and convenient 2-key operation
- Tare function facilitates formulation work
- Easy and hygienic cleaning
- Ready for use: Batteries included
- Socket for mains adapter included

Technical data

- Large LCD display, digit height 15 mm
- Dimensions weighing surface
 - A** ø 82 mm, plastic, with conductive lacquer
 - B** ø 105 mm, plastic
 - C** ø 150 mm, plastic, see larger picture
- Batteries included, 9 V block, respectively 2×1.5 V AA
- Permissible ambient temperature 5 °C/35 °C

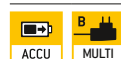
Accessories

- Stainless steel weighing plate, only for models with weighing plate size **B**, KERN EMB-A02, € 29,-
- Rechargeable battery pack external, operating time up to 50 h without backlight, charging time approx. 10 h, KERN KS-A01, € 180,-
- External universal mains adapter, with universal input and optional input socket adapters for EU, CH, GB, US, KERN YKA-03N, € 38,-

STANDARD



OPTION



Model	Weighing capacity	Readability	Weighing plate	Dimensions housing W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €
	[Max] g	[d] g				
KERN EMB 200-3	200	0,001	A	170×244×54	0,85	240,-
EMB 200-2	200	0,01	B	170×244×39	0,50	135,-
EMB 600-2	600	0,01	B	170×244×39	0,50	175,-
EMB 2000-2	2000	0,01	C	170×244×39	0,90	235,-
EMB 500-1	500	0,1	C	170×244×39	0,55	60,-
EMB 1200-1	1200	0,1	C	170×245×39	0,55	80,-
EMB 6000-1	6000	0,1	C	170×244×39	0,55	175,-
EMB 2200-0	2200	1	C	170×244×39	0,55	60,-
EMB 5.2K1	5200	1	C	170×244×39	0,55	60,-
EMB 5.2K5	5200	5	C	170×244×39	0,55	56,-



Small pet scale in the low-cost range with large weighing plate

Features

- Ideal table scale for weighing small animals or for the laboratory
- Large, shock proof weighing plate made of plastic
- Particularly flat design
- Ergonomically optimised key pad with large keys and a high-contrast display
- Secure and non-slip positioning with rubber feet
- Adjusting program CAL for quick setting of the balance accuracy, external test weights at an additional price
- Draught shield standard for models with weighing plate size **A**, weighing space W×D×H 145×145×65 mm

Technical data

- Large LCD display, digit height 25 mm
- Dimensions weighing surface
 - A** ø 105 mm, plastic, with conductive lacquer
 - B** W×D 175×190 mm, plastic, see larger picture
- Overall dimensions W×D×H 200×280×65 mm
- Optional battery operation, 9 V block not included in scope of delivery, operating time up to 40 h
- Mains adapter external, standard
- Net weight approx. 1,6 kg
- Permissible ambient temperature 5 °C/35 °C

Accessories

- **1** Stainless steel weighing plate, only for models with weighing plate size **B**, KERN EMS-A01, € 33,-
- Rechargeable battery pack external, operating time up to 50 h without backlight, charging time approx. 10 h, KERN KS-A01, € 180,-

STANDARD



OPTION



Model	Weighing capacity [Max] g	Readability [d] g	Weighing plate	Price excl. of VAT ex works €
KERN				
EMS 300-3	300	0,001	A	300,-
EMS 3000-2	3000	0,01	B	260,-
EMS 6K0.1	6000	0,1	B	185,-
EMS 12K0.1	12000	0,1	B	230,-
EMS 6K1	6000	1	B	95,-
EMS 12K1	12000	1	B	100,-



Compact veterinary scale for diverse applications – also with XL platform

Features

- Platform scale to weigh animals
- Weighing plate: Easy and hygienic cleaning
KERN EOB: stainless steel
KERN EOE: steel, lacquered
- Simple and convenient 4-key operation
- Animal weighing program: While weighing animals that continue to move during the weighing process, a mean average weight value is determined
- Integrated AUTO-OFF function to preserve the batteries
- Wall mount for display device, standard
- Universal external mains adapter included with delivery
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Weighing platform dimensions
A W×D×H 315×305×57 mm
B W×D×H 550×550×58 mm
C W×D×H 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h (EOB), 100 h (EOE)
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Protective working cover over the display device, scope of delivery 5 items, KERN EOB-A04BS05, **€ 44,-**
- **1** Stand to elevate display device, and screwed onto the platform, height of stand approx. 480 mm, for models with weighing plate size **A** KERN EOB-A01N, **€ 70,-**
- **2** Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B, **€ 112,-**
- Non-slip rubber mat, W×D×H 945×505×5 mm, KERN EOE-A01, **€ 50,-**

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate	Cable length (spiral cable) approx. m	Net weight approx. kg	Price excl. of VAT ex works €	Options	
							DAkkS KERN	Calibr. Certificate €
KERN								
EOB 15K5	15	5	A	1,8	3,8	175,-	963-128	124,-
EOB 35K10	35	10	A	1,8	3,8	175,-	963-128	124,-
EOB 60K20	60	20	A	1,8	3,8	175,-	963-129	153,-
EOB 60K20L	60	20	B	2,7	13	350,-	963-129	153,-
EOB 150K50XL	150	50	C	2,7	17	425,-	963-129	153,-
EOE 150K50XL	150	50	C	2	18	315,-	963-129	153,-
EOE 300K100XL	300	100	C	2	18	320,-	963-129	153,-



Affordable veterinary model that is suitable for stationary or mobile use

Features

- Robust platform scale to weigh large animals
- Weighing plate stainless steel, painted steel base. Easy and hygienic cleaning
- The low platform height facilitates access
- The scale can be easily transported using rollers and a handle and does not require much storage space
- Animal weighing program: While weighing animals that continue to move during the weighing process, a mean average weight value is determined
- Simple and convenient 4-key operation
- Integrated AUTO-OFF function to preserve the batteries
- Wall mount for display device, standard
- Non-slip rubber mat included with delivery
- Universal external mains adapter included with delivery standard
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length display device, spiral cable, approx. 2,7 m
- Weighing platform dimensions, stainless steel, W×D×H 950×500×58 mm
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Permissible ambient temperature 5 °C/35 °C
- Net weight approx. 19 kg

Accessories

- Protective working cover over the display device, scope of delivery 5 items, KERN EOB-A04BS05, **€ 44,-**
- Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B, **€ 112,-**
- **■** Non-slip rubber mat, W×D×H 945×505×5 mm, KERN EOE-A01, **€ 50,-**

STANDARD							OPTION

Model	Weighing capacity [Max] kg	Readability [d] g	Price excl. of VAT ex works €	Options	
				DAkkS KERN	DAkkS Calibr. Certificate €
KERN EOS 150K50XL	150	50	470,-	963-129	153,-
KERN EOS 300K100XL	300	100	470,-	963-129	153,-

HOME CARE



KERN Home Care balances have been specially designed for the user for self-monitoring of their body weight and other parameters. As with all KERN devices, these balances also undergo our strict quality controls and have been popular, tried and tested products for our customers for many years.

The KERN Home Care scales are not approved according to the Medical Device Directive or the Balance Directive and are therefore ideal for sports studios, pharmacies, medical supply stores or for self-monitoring at home.

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

DID YOU KNOW?

Our body analysis scale produces, within a very short period of time, an overview of your body composition and measures values such as body fat, body water, muscle mass, proportion of bone as well as body weight and calculates the BMI and exercise metabolic rate.

→ Ideal for all athletes and all those who are health-conscious



[[1]]



[[2]]

Ergonomically-optimised baby scale with large lying surface

Features

- Large, ergonomically optimised tray for safe weighing of neonates
- Robust plastic tray
- Easy and hygienic cleaning
- Particularly flat and lightweight construction, so it is easy to transport and store
- Secure and non-slip positioning with rubber feet
- Easy to use
- Hold function: While weighing patients that are unable to lie still, a mean average weight value is determined
- Difference function for calculating the weight gain before and after feeding
- Internal weight memory for one weight value
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb

Technical data

- LCD display, digit height 30 mm
- Dimensions of tray W×D 560×225 mm
- Overall dimensions W×D×H 597×350×74 mm
- Batteries included, 2×1.5 V AAA, operating time up to 20 h
- Net weight approx. 2,0 kg

Accessories

- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, **€ 55,-**
- Carrying bag for mobile use, a carrying handle and shoulder strap ensure comfortable handling. 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, KERN YTB-01S05, **€ 165,-**
- Backpack for mobile use, 2 padded carrying straps and carrying handles for safe, convenient handling, additional, large zipped compartment for storing objects. 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, KERN YTB-02S05, **€ 240,-**

Note: The model with the suffix -S05 is delivered in a set of 5 units. i.e. the price given in the table refers to 5 items

STANDARD



Model	Weighing capacity	Readability	Quantity delivered (balance)	Price excl. of VAT ex works €
	[Max] kg	[d] kg		
KERN				
MBD 20K-2	15	0,01	1	105,-
MBD 20K-2S05	15	0,01	5	425,-



The robust classic for quick determination of body weight

Features

- Timeless design
- Robust construction
- **1** Large, clear circular scale which is easy to read
- **2** Large tread with anti-slip surface made of plastic
- Secure and non-slip positioning with rubber feet
- Easy to operate: stand - read the weight
- Easy adjustment of the display using the setting wheel
- Delivered in single design packaging

Technical data

- Digit height 8 mm
- Overall dimensions WxDxH 290x425x90 mm
- Net weight approx. 3,2 kg

Accessories

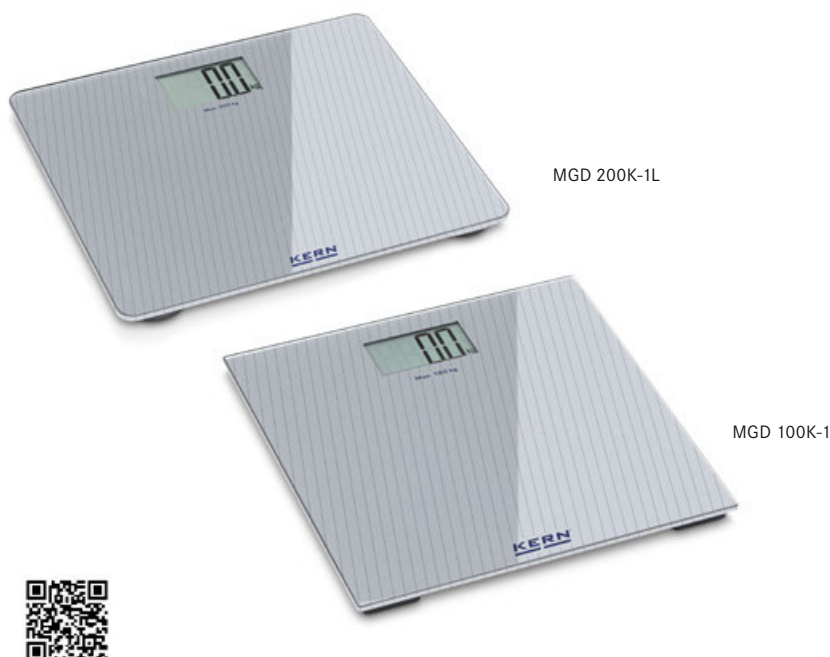
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, € 55,-

Note: The model with the suffix -S05 is delivered in a set of 5 units. i.e. the price given in the table refers to 5 items

STANDARD



Model	Weighing capacity [Max] kg	Readability [d] kg	Quantity delivered (balance)	Price excl. of VAT ex works €
KERN				
MGC 100K-1	150	1	1	85,-
MGC 100K-1S05	150	1	5	360,-



[[1]]



[[2]]

Elegant look combined with large, flat glass weighing plate to make it easier to step on and give maximum safety

Features

- Sturdy glass weighing plate
- KERN MGD-L: particularly large weighing plate for secure, comfortable standing position
- Easy and hygienic cleaning
- Particularly flat design facilitates access
- Generous weighing range
- Secure and non-slip positioning with rubber feet
- 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
- 1 Large display that is easy to read
- 2 Delivered in single design packaging

Technical data

MGD 100K-1

- LCD display, digit height 40 mm
- Dimensions weighing surface WxD 300x300 mm
- Batteries included, 2xCR2032, operating time up to 100 h
- Net weight approx. 1,6 kg

MGD 200K-1L

- LCD display, digit height 50 mm
- Dimensions weighing surface WxD 380x330 mm
- Batteries included, 3x1,5V AAA, operating time up to 100 h
- Net weight approx. 1,6 kg

Accessories

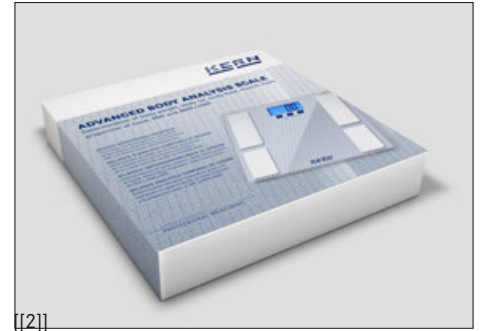
- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, € 55,-

STANDARD



Model	Weighing capacity [Max] kg	Readability [d] kg	Quantity delivered (balance)	Price excl. of VAT ex works €
KERN				
MGD 100K-1	180	0,1	1	45,-
MGD 100K-1S05	180	0,1	5	130,-
MGD 200K-1L	250	0,1	1	55,-
MGD 200K-1LS05	250	0,1	5	190,-

Note: The model with the suffix -S05 is delivered in a set of 5 units. i.e. the price given in the table refers to 5 items



Design body analysis scale to determine body weight, body fat, body fluid, muscle mass, proportion of bone, BMI and metabolic rate/metabolic rate when exercising

Features

- Used to determine body fat, body water, muscle mass with an accuracy of 0.1 % as well as the body weight and bone mass in 0.1 kg increments
- Display showing the calorie requirements for maintaining the current body weight depending on the level of activity and sex
- Sturdy glass weighing plate with four large contact surfaces for maximum precision
- Easy and hygienic cleaning
- Particularly flat design facilitates access
- Secure and non-slip positioning with rubber feet

- Easy to operate: simply tap on it – stand on it – read the weight
- Memory for up to 10 people (gender, age, height, level of activity)
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb
- **1** Large high-contrasted display that is easy to read
- **2** Delivered in single design packaging

Technical data

- LCD display, digit height 35 mm
- Overall dimensions W×D×H 300×300×25 mm
- Batteries included, 2×CR2032, operating time up to 100 h
- Net weight approx. 1,8 kg

Accessories

- Alcohol-free cleaning cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., KERN MYC-01, € 55,-

Note: The model with the suffix -S05 is delivered in a set of 5 units. i.e. the price given in the table refers to 5 items

STANDARD



Model	Weighing capacity	Readability	Quantity delivered (balance)	Price excl. of VAT ex works €
	[Max] kg	[d] kg		
KERN				
MFB 150K100	182	0,1	1	55,-
MFB 150K100S05	182	0,1	5	190,-

Retailer Information

Sales conditions

All prices are valid as of January 1st 2025, Subject to change without notice. Current prices at www.kern-sohn.com. In Europe, all prices do not include the applicable V.A.T.

Delivery Conditions

We supply ex works Balingen, e.g. the transport costs are invoiced. With our contract logistics partners we always offer you shipping at a good rate. When shipping to islands or other more distant areas, or areas which are difficult to access, the transport costs may possibly be higher, please ask for details. Any goods supplied remain KERN's property until complete payment for the goods sold has been received.



Delivery is usually via courier service.



When you see this symbol by truck, please ask for prices.n.

Extract from general terms and conditions

Court of jurisdiction/Legal domicile:

72336 Balingen, Germany;
Commercial register N°: HRB 400865,
AG Stuttgart; Managing director: Albert Sauter
For the full Terms and Conditions,
please refer to the website.
<https://www.kern-sohn.com/shop/en/IMPRESSUM/AGB2/>

All dimensions are approximate. Technical changes in the course of further development, printing faults, price changes and product changes are likely in individual cases, due to product modifications as well as error.

Sale or return

within 14 days of purchase. Not valid for Software and order-specific adaptations such as special productions, cable extensions, special weights, etc. or test services such as 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 \geq € 500.00
→ 2 years for components as well as products with list price $<$ € 500.00
→ 1 year for pallet truck scales
Does not apply to consumables such as batteries, rechargeable battery packs, etc.

Balances in areas regulated by law (► *Verifikation*) must comply with the commercial error limits during the period of validity for verification – these are usually double the verification permissible error limits. If this period of validity for verification expires, then reverification must be carried out. If, in order to pass the verification, it should be necessary to adjust the balance to comply with the verification permissible error limits, then this does not constitute a warranty claim.

Service

KERN DirectCash

The quick, secure COD procedure for protection against non-payment. With the KERN DirectCash COD system, you can safely deliver orders to end customers with unknown credit rating, with no risk of non-payment. Please request further details on this procedure.

Hire Purchase

Financing is available using KERN hire purchase – easy and convenient. Hire Purchase gives you the option of purchasing any product from our range against a simple monthly installment. The product value is financed over the period of the agreement. On payment of the last installment, the ownership of the contract item automatically transfers from the contractor to the contractee. The Hire Purchase Agreement can – if you so choose – be set for a period of between one and five years. This package includes the transfer of items as well as the guarantee for the entire transfer period.

Compared with buying the product, KERN hire purchase offers the advantage that the initial financial investment is largely unnecessary. This is particularly relevant when purchasing a number of products, for example when refitting a laboratory, a company department or a hospital ward. In addition the monthly installments constitute a direct cost and the item does not have to be capitalised by the purchaser.

After-Sales-Service

Repair service

Within 1 week at our plant in Balingen, transportation costs are additional. In urgent cases, if requested by customer, a replacement device will be provided until all repairs are completed; please ask.

Price reduction for a new device

If repair costs exceed the current value of the defective device, a new device will be offered for a discount price. This offer is valid only up to 2 years after warranty expiration.

Spare parts service

Usually within 48 hours, transportation costs are additional.

Marketing support

KERN catalogues, brochures, branch prospectuses – your own personalised marketing tools

This catalogue and branch prospectuses are available free of charge. A neutral version of the catalogue, without the KERN address imprint, is also available free of charge for your marketing activities as PDF document. The KERN catalogue and branch prospectuses are available in the following languages: DE, EN, FR, IT, ES.

Important notice

Explosion hazard/Humidity

Our models are not suitable for rooms with a risk of explosion. Our models are also not suitable for rooms with a high level of air humidity (condensing). Please observe the applicable electrical regulations.

Earth's gravitational force

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

Calibration Certificate with accreditation symbol

Upon request, you will receive a Calibration Certificate with accreditation symbol (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.

Accessories

Further extensive accessories for all our models can also be found in the KERN online shop www.kern-sohn.com

The oldest Precision Balance Factory in Germany

KERN & SOHN GmbH

Balances, Test Weights, Microscopes,
DAkkS Calibration Laboratory

Ziegelei 1
72336 Balingen
Germany
Tel. +49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com

Discover the multifaceted World of Balances, Microscopes and Measuring Technology
from KERN online: www.kern-sohn.com



- Full KERN & SAUTER Product Range
- Convenient 24/7 Ordering
- Selection of more than 5,000 Items across Weighing and Measuring Technology, Optical Instruments as well as Accessories and Services
- Extensive Information and useful Download Options
- Technical Product Data Sheets
- Operating Instructions
- Descriptive Image and Video Material
- Useful KERN Services
- Technical Glossary
- KERN Dealer Portal
- Practical Filter and Search Functions



Follow us on our social media channels too



Printed in Germany by KERN & SOHN GmbH
z-cm-en-ko-20251

