

# 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	
			W×D×H mm	Net weight kg
KERN	mm (inch)	mm (inch)		
<b>MSW 200</b>	10 – 205 (4 – 80)	1 (0,1)	55×90×20	0,05
<b>MSW 200S05</b>	10 – 205 (4 – 80)	1 (0,1)	55×90×20	0,25



## 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

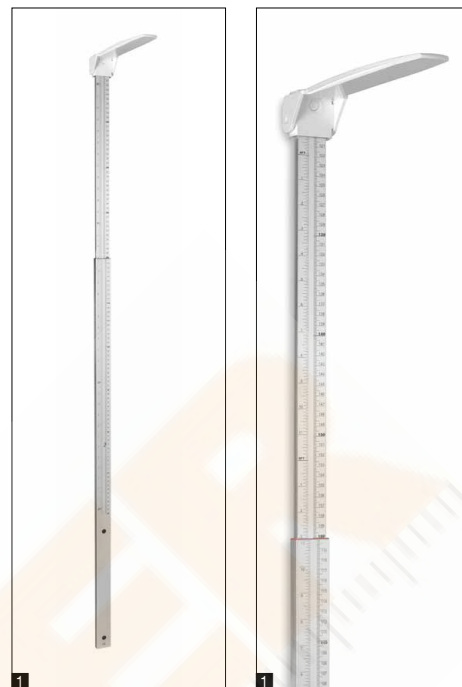
STANDARD			OPTION
UNIT	BATT	1 DAY	ISO +3 DAYS

Model	Measuring range	Readout	Spring sets	Overall dimensions	Option
					ISO Calibr. Certificate
<b>KERN</b>	[Max] kg	[d] g	kg	WxDxH mm	KERN
<b>MAP 80K1S</b>	80	100	10, 20, 40, 80	55x88x212	961-102K
<b>MAP 80K1</b>	80	100	20, 40, 80	55x102x212	961-102K
<b>MAP 130K1</b>	130	100	40, 80, 130	55x102x212	961-102K



KERN MPB-P

KERN MPB



## Personal floor scale with BMI function

### Features

- Sturdy steel weighing plate with a non-slip and wear-resistant surface
- Easy and hygienic cleaning
- Secure and non-slip positioning with rubber feet
- Hold function: 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

### Technical data

- 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

### Accessories

- **1** 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
- Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01
- 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

#### STANDARD



Model	Weighing range	Readout	Weighing plate	Net weight approx.
	[Max] kg	[d] kg	W×D×H mm	kg
<b>KERN</b>				
<b>MPB 300K100</b>	300	0,1	315×300×60	4,6
<b>MPB 300K100P</b>	300	0,1	315×300×55	7

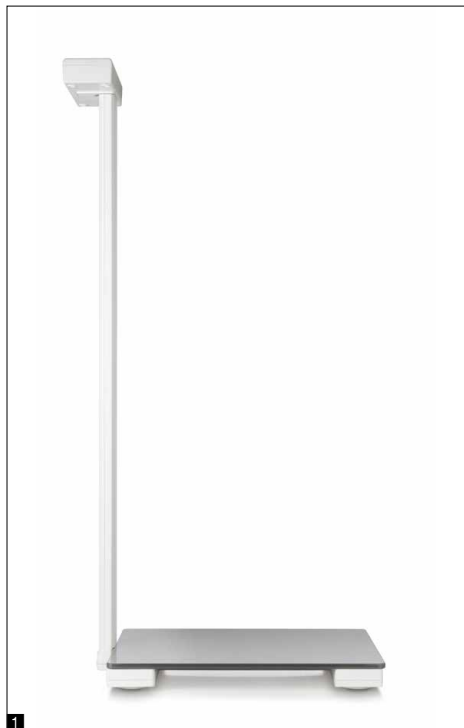


**Personal scale with column for convenient, ergonomically-optimised operation**



KERN MPK

KERN MPL



**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

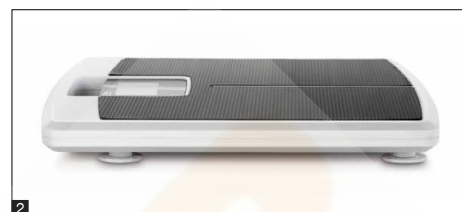
**Accessories**

- 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

STANDARD



Model	Weighing capacity	Readability
	[Max] kg	[d] kg
KERN		
MPK 200K-1P	250	0,1
MPL 200K-1P	250	0,1



## 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

**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)
	[Max]	kg	[d]	kg	
<b>KERN</b>					
<b>MPI 200K-1</b>	200		0,1		1
<b>MPI 200K-1S05</b>	200		0,1		5

**NEW**



## 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
- Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B

STANDARD



Model

Weighing capacity

Readability

KERN

[Max]  
kg

[d]  
kg

MWC 600K-1

600

0,1





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





**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 W×D×H 200×130×60 mm
- Dimensions of seating surface W×D 390×360 mm
- Overall dimensions W×D×H 625×990×985 mm
- Batteries included, 6×1.5 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
- 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

STANDARD



Model	Weighing capacity	Readability
	[Max] kg	[d] kg
<b>KERN</b> MCD 300K-1	300	0,1

# 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.



### 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