## **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
- Note: The models are only delivered in a set of 5 units. That means the price refers to a delivery of 5 units. Cannot be delivered individually

#### Technical data

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

SIANDARD

Model	Measuring range	Increments of	Overall dimensions	Net weight	
			W×D×H	approx.	
KERN	cm (inch)	mm	mm	kg	
MSW 200S05	205 (80)	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 handstrength and among others a possible mortality risk of elderly persons as well as a malnutrition in case of chemotherapy or similar treatments
- · Safe, comfortable use thanks to non-slip rubber grips
- · Integrated AUTO-OFF function after 1 minute to preserve the batteries
- · Weight displayed in kg or lb

- · MAP 80K1S: Special version for children: The small handle depth allows children in particular to easily and ergonomically grip the handles
- MAP 130K1: Special version for body builders: Its design and extended measuring range mean that it offers additional capacity, which can accommodate the higher fundamental force exerted by body builders
- 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, W×D×H 350×265×85 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



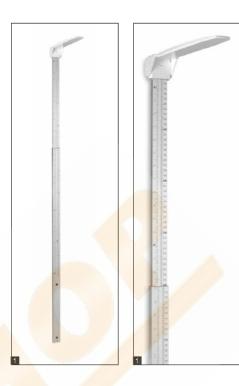






Model	Measuring range	Readout	Spring sets	Overall dimensions	Options  ISO Calibr. Certificate
	[Max]	[d]		W×D×H	ISO
KERN	kg	g	kg	mm	KERN
MAP 80K1S	80	100	10, 20, 40, 80	55×88×212	961-102K
MAP 80K1	80	100	20, 40, 80	55×102×212	961-102K
MAP 130K1	130	100	40, 80, 130	55×102×212	961-102K





#### 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. This allows for sufficient time to attend to the patient, and then get a weight reading
- · 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

- Mechanical height rod, measuring range: 60 cm - 205 cm, can be screwed onto the column from the front or the back (MPB-P) or wallmounted, approved as a medical device according to 93/42/EEC or regulation (EU) 2017/745, KERN MSF 200
- · Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERN MYC-01









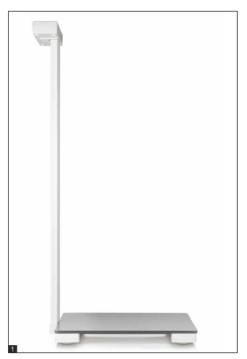
ì	
1	1 DAY
_	

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



Personal scale with column for convenient, ergonomically-optimised operation









#### **Features**

- This personal scale is the ideal measuring instrument for elderly care, paramedics, fitness clubs or in the private sector and can weigh overweight people up to 250 kg
- 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
- In 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
- Delivered in design packaging

#### Technical data

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

#### Accessories

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

#### STANDARD







Model	Weighing range	Readout	
KERN	[Max] kg	[d] kg	
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, and can weigh overweight people up to 200 kg
- · Very large weighing plate
- Easy and hygienic cleaning
- In the scale can be easily transported using a handle and does not require much storage space
- Particularly flat design facilitates access
- S Very large platform with non-slip and wearresistant plastic-surface
- Easy to operate: simply tap on it stand on it read the weight
- Integrated AUTO-OFF function to preserve the batteries
- · Weight displayed in kg or lb
- · Large display that is easy to read
- · Delivered in single design packaging
- Note: The models are only delivered in a set of 5 units. That means the price refers to a delivery of 5 units. Cannot be delivered individually

#### Technical data

- Large LCD display, digit height 30 mm
- Overall dimensions W×D×H 434×370×35 mm
- Batteries included, 4×1,5 V AAA, operating time up to 20 h
- · Net weight approx. 3,2 kg (per piece)

#### Accessories

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

#### STANDARD









Model	Weighing range	Readout
KERN	[Max] kg	[d] kg
MPI 200K-1S05	200	0,1









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

#### **Features**

- Especially suitable for weighing patients in wheelchairs because of the low-profile platform which can be approached from either side
- In the large steel weighing plate also makes it ideal for weighing obese patients
- Also ideal for rapid weighing of, for example, laundry carts, container trolleys, roller containers, etc.
- Secure and non-slip positioning with heightadjustable rubber feet
- 2 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. This allows for sufficient time to attend to the patient, and then get a weight reading
- BMI function to determine underweight/normal weight/surplus weight
- In the scale can easily be transported using the two rollers and two handles and does not require much storage space
- Wall mount for display device, standard
- · Protective working cover included with delivery

#### Technical data

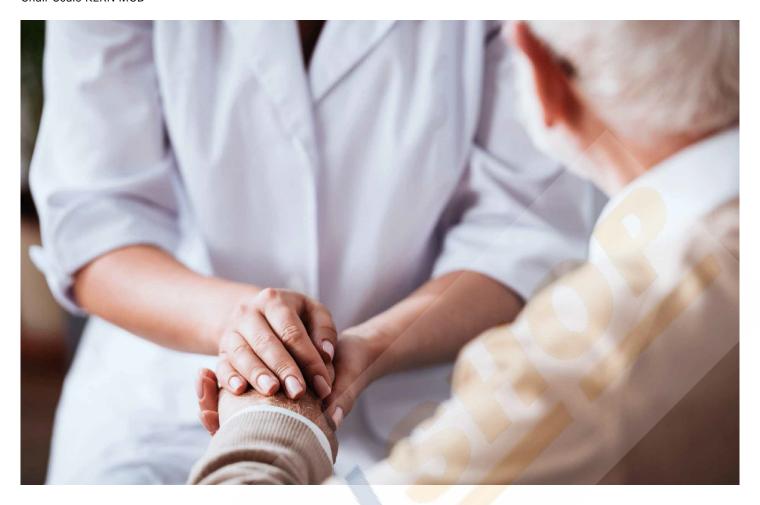
- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface W×D 800×800 mm
- Dimensions of display device W×D×H 200×130×60 mm
- Cable length of display device approx. 3 m
- Overall dimensions W×D×H 1066×1000×80 mm
- Batteries included, 6×1.5 V AA, operating time up to 40 h
- · Net weight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

#### Accessories

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



Model	Weighing range	Readout
KERN	[Max] kg	[d] kg
MWB 300K-1	300	0,1















#### Features

- This chair scale is the ideal measuring instrument for elderly care and for paramedics, and is also suitable for overweight people with a weight up to 300 kg
- 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
- S Ergonomically positioned carrying handles

- Hold function: While weighing patients that are unable to sit still, a mean average weight value is determined. This allows for sufficient time to attend to the patient, and then get a weight reading
- 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
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERN MYC-01

STANDARD





Model	Weighing range	Readout
KERN	[Max] kg	[d] kg
MCD 300K-1	300	0,1



5,000 items at a glance – you can find all KERN products covering weighing and measuring technology in our product catalogues:

#### BALANCES AND TEST SERVICE 2024

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 2024**

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 2024

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 2024

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 2024**

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 dow



