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Kern MPE 200K-1HEM Personal Floor Max Scale User Manual

Model: MPE 200K-1HEM

Introduction

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of the Kern MPE 200K-1HEM Personal Floor Max Scale. Designed for professional environments, this scale offers precise measurements and user-friendly features for accurate weight and height monitoring.



Image: The Kern MPE 200K-1HEM Personal Floor Max Scale, showcasing its overall design with a tall display column and a sturdy weighing platform.

Key Features

- **Verification Class III:** Optional verification for medical use according to 93/42/EEC.

- **Integrated Height Measuring Stick:** For MPE-HEM models, a pull-out height rod with a measuring range of 88 - 200 cm.
- **Robust Design:** Built for daily use in professional settings.
- **Ergonomic and Hygienic:** Optimized design for ease of use and cleaning.
- **Secure Positioning:** Height-adjustable rubber feet and level indicator ensure stable and precise placement.
- **Large, Non-Slip Surface:** Provides secure footing during weighing.
- **Vibration-Free Weighing:** Filters out vibrations for stable weight readings, ideal for restless patients.
- **Automatic Data Hold:** Displays weight for 10 seconds after the value stabilizes.
- **Mother and Child Function:** Allows for accurate weighing of an infant while held by an adult.
- **Portability:** Equipped with two wheels for easy transportation.
- **High Resolution Readout:** Temporarily increases readout precision by one decimal place for 5 seconds.
- **Battery Operation:** Operates on 6 x 1.5 V AA batteries (included), providing up to 20 hours of operation.
- **Rear-facing Second Display:** Provides an additional display for convenience.

Setup Instructions

1. Unpacking and Inspection

Carefully remove the scale from its packaging. Inspect all components for any signs of damage. Ensure all parts listed in the packing list are present.

2. Placement and Leveling

Place the scale on a firm, level surface. Avoid carpets or uneven flooring. Use the height-adjustable rubber feet to level the scale precisely. Refer to the integrated level indicator to ensure optimal stability and accuracy.



Image: Bottom view of the Kern MPE scale, highlighting the adjustable rubber feet and the leveling mechanism for stable placement.

3. Battery Installation

Locate the battery compartment, typically on the underside or rear of the display unit. Insert 6 x 1.5 V AA batteries, ensuring correct polarity. The scale can operate for up to 20 hours on a fresh set of batteries.



Image: Rear view of the Kern MPE scale's display unit, showing various ports and the location of the battery compartment.

4. Height Measuring Stick (MPE-HEM models only)

If your model includes the height measuring stick, it is integrated into the column. Gently pull it out to extend it for use. Ensure it is fully extended and locked into position before taking measurements. The measuring range is 88 - 200 cm.



Image: The Kern MPE scale with its integrated height measuring stick extended, ready for use.



Image: A close-up view of the height measuring stick mechanism on the Kern MPE scale, showing its design.

5. Verification (Optional)

For medical use, the scale may require Verification Class III. If verification is needed, ensure the factory verification process is completed. This typically requires providing the full address of the location of use to the supplier.

Operating Instructions

1. Power On/Off

Press the **ON/OFF** button located on the display panel to turn the scale on or off. Allow a few seconds for the display to stabilize at zero before use.



Image: A detailed view of the Kern MPE scale's digital display and control buttons, including the ON/OFF button.

2. Standard Weighing Procedure

1. Ensure the scale is on a level surface and displays "0.0".
2. Step onto the center of the weighing platform. Stand still until the weight reading stabilizes.
3. The Automatic Data Hold function will freeze the stable weight value on the display for 10 seconds, allowing time to read and record the measurement.



Image: A person standing on the Kern MPE scale, demonstrating its use for weight measurement.

3. Mother and Child Function

This feature allows for accurate weighing of infants while they are held by an adult.

1. First, the adult steps onto the scale and their weight is measured.
2. Press the dedicated **Mother and Child** button (refer to display for specific icon, often indicated by a baby symbol). The scale will reset to zero, effectively taring out the adult's weight.
3. The adult then steps onto the scale holding the infant. The display will show only the weight of the child.

4. High Resolution Readout

To temporarily increase the readout precision by one decimal place for 5 seconds, press the **High Resolution** button (refer to display for specific icon). This is useful for obtaining more granular measurements when needed.

5. Transporting the Scale

The scale is equipped with two wheels for easy transportation. Tilt the scale slightly and use the wheels to move it to a new location. Ensure the scale is powered off before moving.



Image: A person demonstrating the portability of the Kern MPE scale by tilting and moving it on its integrated wheels.

Maintenance

1. Cleaning

The Kern MPE scale is designed for easy and hygienic cleaning. Use a soft, damp cloth with a mild, non-abrasive cleaning solution. Do not use harsh chemicals, abrasive cleaners, or immerse the scale in water. Ensure the scale is powered off and unplugged (if applicable) before cleaning.

2. Battery Replacement

When the battery indicator on the display shows low power, replace all 6 x 1.5 V AA batteries simultaneously. Refer to the "Battery Installation" section under Setup for proper replacement procedure. Dispose of used batteries according to local regulations.

3. Storage

If storing the scale for an extended period, remove the batteries to prevent leakage. Store in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Scale does not turn on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace all batteries with new ones.
Inaccurate or fluctuating readings.	Scale not level; unstable surface; external vibrations.	Ensure scale is on a firm, level surface. Adjust rubber feet using the level indicator. Minimize vibrations in the environment.

Problem	Possible Cause	Solution
"Err" or error message on display.	Overload; internal malfunction; unstable reading.	Ensure weight does not exceed 250 kg. Power off and restart the scale. If error persists, contact support.
Display is dim or blank.	Low battery power.	Replace batteries.

Technical Specifications

Weighing Range [Max]: 250 kg

Readout [d]: 100 g

Height Rod: Yes (for MPE-HEM models), measuring range 88 - 200 cm

Power Source: 6 x 1.5 V AA batteries (included)

Battery Operating Time: Up to 20 hours

Material: Rubber (for platform surface)

Special Feature: Backlit Display

Item Weight: 3.53 ounces (Note: This value may refer to packaging or a component. Please consult official product documentation for the scale's actual weight.)

Manufacturer: Kern

ASIN: B084KTWRGW

Warranty Information

Specific warranty terms and conditions for the Kern MPE 200K-1HEM scale are provided by the manufacturer, Kern, or the seller, Best Price Square. Please refer to the warranty card included with your product or contact the point of purchase for detailed information regarding warranty coverage, duration, and claims procedures.

Customer Support

For technical assistance, spare parts, or further inquiries regarding your Kern MPE 200K-1HEM scale, please contact the manufacturer, Kern, or the seller, Best Price Square. Have your model number (MPE 200K-1HEM) and ASIN (B084KTWRGW) ready when contacting support.
Additional technical information and data sheets may be available upon request from your supplier.

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