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Adam Equipment MUW 300L

Adam Equipment MUW 300L Ultrasonic Height and Digital Health Scale User Manual

1. PRODUCT OVERVIEW

The Adam Equipment MUW 300L is an ultrasonic height and digital health scale designed for accurate weight and height measurements. It features an ultrasonic sensor for height up to 210cm and automatically calculates Body Mass Index (BMI). Key features include a non-slip platform, a backlit LCD display for clear readings, and a rechargeable battery for portable operation.

MUW Medical Scale

Elegant ultrasonic scale easily calculates weight, height and BMI

Capacity:

660lb / 300kg



MUW 300L

Readability:
0.1lb / 0.05kg

Figure 1: Front view of the Adam Equipment MUW 300L scale.

2. SAFETY INFORMATION

- Always place the scale on a firm, level surface to ensure accurate measurements.
- Do not exceed the maximum weight capacity of 300kg (660lb).
- Keep the scale away from water and extreme temperatures.
- Avoid dropping or subjecting the scale to heavy impact.
- Use only the provided power adapter for charging.
- Consult a healthcare professional for interpretation of BMI results.

3. SETUP INSTRUCTIONS

1. **Unpack the Scale:** Carefully remove all components from the packaging. Verify that all parts, including the scale base, column, ultrasonic sensor, and power adapter, are present.

2. **Assemble the Column:** Attach the main column to the scale base. Ensure it is securely fastened according to the instructions provided in the manual on CD.
3. **Position the Scale:** Place the assembled scale on a hard, flat, and stable surface. Uneven surfaces can affect measurement accuracy.
4. **Connect Power:** Plug the power adapter into the scale's power input and then into a suitable electrical outlet. The internal rechargeable battery will begin charging.
5. **Initial Power On:** Press the power button to turn on the scale. Allow a few seconds for the display to stabilize.



Figure 2: Side view of the MUW 300L scale, showing the column and base.

4. OPERATING INSTRUCTIONS

1. **Power On:** Press the **ON/OFF** button. The backlit LCD display will illuminate and show '0.00' when ready.
2. **Weighing:** Step onto the non-slip platform carefully. Stand still until your weight is displayed and stabilizes.

The reading will be shown on the backlit LCD display.

3. **Height Measurement:** Once weight is stable, the ultrasonic sensor will automatically measure your height. Ensure you stand upright and directly under the sensor for accurate readings. The height will be displayed after the weight.
4. **BMI Calculation:** After both weight and height are measured, the scale will automatically calculate and display your Body Mass Index (BMI).
5. **Unit Conversion:** If available, press the **UNIT** button to switch between kilograms (kg) and pounds (lb).
6. **Power Off:** The scale may automatically power off after a period of inactivity, or you can press and hold the **ON/OFF** button to turn it off manually.



Figure 3: Close-up of the MUW 300L display and control buttons.

5. MAINTENANCE

- **Cleaning:** Wipe the scale surface with a soft, damp cloth. Do not use abrasive cleaners or immerse the scale in water.

- **Battery Care:** The scale uses a rechargeable battery. For optimal battery life, charge the scale regularly and avoid completely draining the battery frequently. If storing for an extended period, ensure the battery is partially charged.
- **Storage:** Store the scale in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check for any loose parts or damage. Do not operate the scale if it appears damaged.

6. TROUBLESHOOTING

- **No Display/Power:**
 - Ensure the power adapter is securely connected and the outlet is functional.
 - Check if the rechargeable battery needs charging.
- **Inaccurate Weight Readings:**
 - Verify the scale is on a firm, level surface.
 - Ensure no objects are touching the scale while weighing.
 - Recalibrate the scale if the issue persists (refer to the full manual on CD for calibration procedures).
- **Height Sensor Error:**
 - Ensure the user is standing directly under the sensor and not obstructing its path.
 - Clean the sensor area to remove any dust or debris.
- **Display Shows 'Err':** This typically indicates an overload or a system error. Remove weight from the platform and restart the scale. If the error persists, contact customer support.

7. SPECIFICATIONS

| Feature | Detail |
|--------------------------|-------------------------------------|
| Model | MUW 300L |
| Brand | Adam Equipment |
| Capacity | 300 kg / 660 lb |
| Readability | 0.05 kg / 0.1 lb (50 Grams) |
| Height Measurement Range | Up to 210 cm |
| Display Type | Backlit LCD |
| Material | Mild steel base |
| Power Source | Rechargeable battery, Power adapter |
| Product Dimensions | 23.62 x 14.57 x 91.34 inches |
| Item Weight | 50.6 pounds (23 Kilograms) |

8. WARRANTY INFORMATION

The Adam Equipment MUW 300L scale is covered by a manufacturer's warranty. For specific details regarding warranty terms, duration, and conditions, please refer to the official warranty documentation included with your product or visit the Adam Equipment website. Keep your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

Should you encounter any issues or have questions not covered in this manual, please contact Adam Equipment customer support. You can find contact information, including phone numbers and email addresses, on the official Adam Equipment website or in the full manual provided on CD.