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> jwniuid Animal Scale Model ams001 User Manual: 700x0.2lb Pet Scale with 18x18 inch Stainless Steel Platform

jwniuid ams001

jwniuid Animal Scale Model ams001 User Manual

700x0.2lb Pet Scale with 18x18 inch Stainless Steel Platform

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your jwniuid Animal Scale, model ams001. Designed for accurate weighing of small to medium-sized animals, this scale features a durable stainless steel platform and a precise digital indicator. Please read this manual thoroughly before using the scale to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Capacity and Accuracy:** Measures up to 700 lbs with an accuracy of 0.2 lbs.
- **Platform Size:** 18 x 18 x 3 inches, providing ample space for various animals.
- **Durable Construction:** Made from wear-resistant and corrosion-resistant stainless steel.
- **Digital Indicator:** Features automatic backlight, a 1-inch large font LED display for clear readings, and an AC adapter for power.
- **Wireless Operation:** Indicator can operate wirelessly for up to 320 hours.
- **IP66 Waterproof Sensor Connection:** Ensures durability and protection against dust and water.
- **Adjustable Feet:** Four adjustable feet allow for easy re-calibration and stability on uneven surfaces.
- **Hold Function:** Designed to accurately measure moving animals.

2.2 What's in the Box

- Animal Scale Platform
- Digital Indicator
- Instruction Manual
- Carrying Handle
- Screws (x6)
- Nuts (x2)

- Wheels (x2)
- Knobs & Hand Screws (x4)



Figure 2.2.1: Contents included in the jwniind Animal Scale package.

3. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging. Verify that all components listed in Section 2.2 are present.
2. **Attach Carrying Handles (Optional):** If desired, attach the carrying handles to the designated points on the scale platform using the provided screws and nuts.
3. **Attach Wheels (Optional):** For easier mobility, attach the wheels to the underside of the scale platform using the provided hardware.
4. **Position the Scale:** Place the scale on a firm, level surface. Adjust the four adjustable feet to ensure the scale is stable and does not wobble. This is crucial for accurate readings.
5. **Connect the Indicator:** Connect the digital indicator to the scale platform. Ensure the connection is secure. The sensor connection port is IP66 waterproof and dust-proof.

6. **Power On:** Connect the AC adapter to the indicator and a power outlet, or ensure the indicator's internal battery is charged for wireless operation.



Figure 3.1: Overview of scale components and connections.

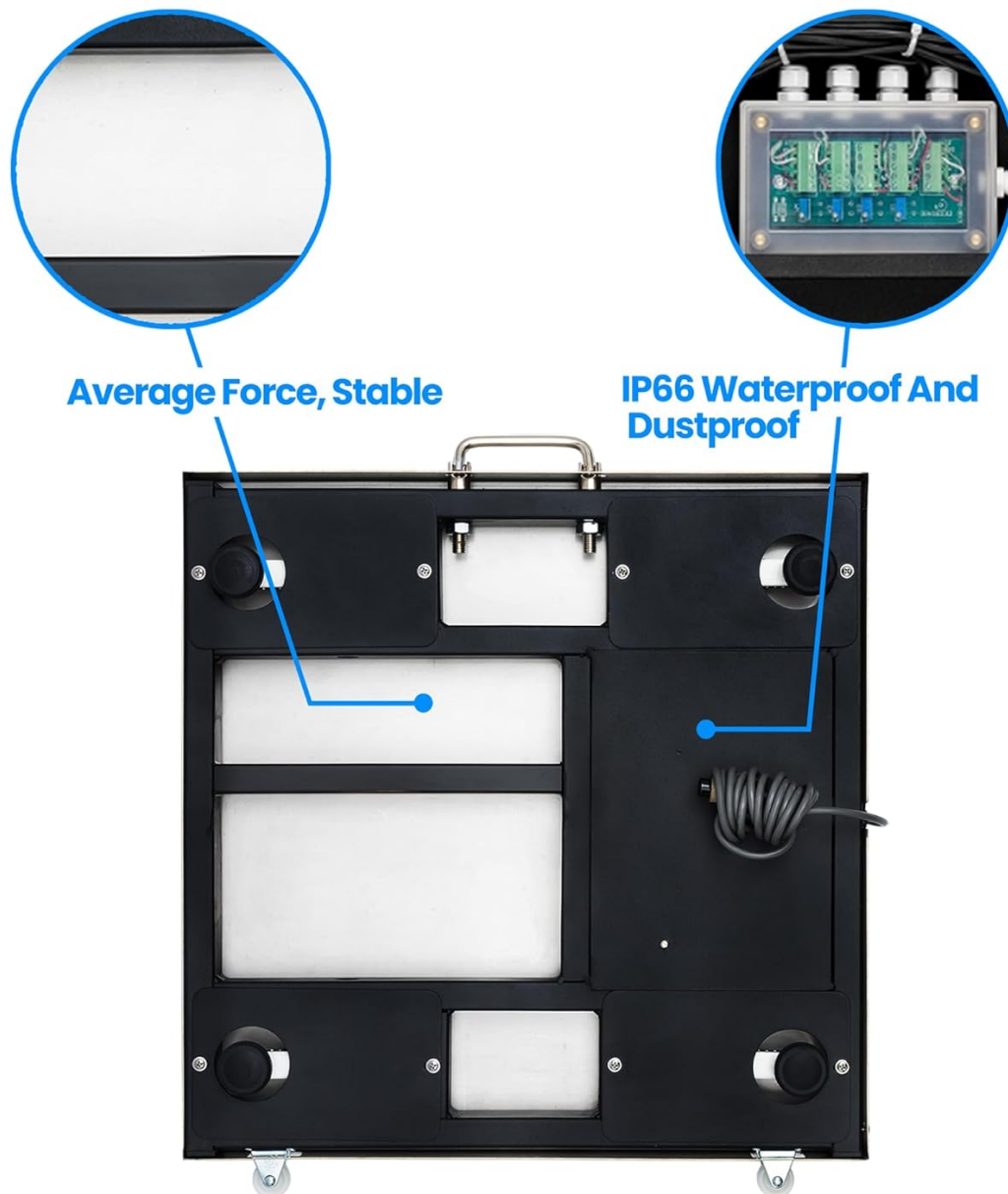


Figure 3.2: Detail of the scale's underside, showing adjustable feet and protected sensor connection.

4. OPERATING INSTRUCTIONS

4.1 Basic Weighing

1. **Turn On:** Press the **ON** button on the digital indicator. The display will show "0.0 lb" (or other unit if previously set).
2. **Place Animal:** Gently place the animal on the center of the scale platform.
3. **Read Weight:** Wait for the reading to stabilize. The "Stable" indicator on the display will light up.
4. **Hold Function:** If the animal is moving, press the **Hold** button. The scale will capture and display a stable weight even with slight movement.
5. **Turn Off:** Press the **OFF** button to turn off the indicator.

4.2 Unit Conversion

To switch between weighing units (e.g., pounds, kilograms), press the **UNIT/ESC** button. The display will cycle through available units.

4.3 Zero/Tare Function

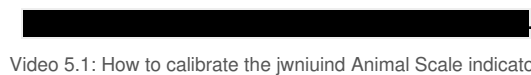
- **Zero:** If the display does not show "0.0" when the scale is empty, press the **Zero/Tare** button to reset it to zero.
- **Tare:** To weigh an animal in a container, first place the empty container on the scale. Press the **Zero/Tare** button. The display will show "0.0" (taring out the container's weight). Then, place the animal in the container to get its net weight.



Figure 4.1: Digital indicator display and control buttons.

5. CALIBRATION

Regular calibration ensures the accuracy of your scale. Follow these steps or refer to the video below for a visual guide.



Video 5.1: How to calibrate the jwniund Animal Scale indicator.

Detailed Calibration Steps:

1. **Turn Off Indicator:** Ensure the indicator is turned off.
2. **Enter Calibration Mode:** Press and hold the **ON** button for 2-3 seconds until the display shows "P 0000".
3. **Adjust Flashing Digit:** Press the **ON** button repeatedly until the second-to-last digit flashes.
4. **Set Value to "P 0020":** Use the **Net/Gross** button to modify the value to "P 0020".
5. **Confirm LF 1:** Press the **M+** button. The display will show "LF 1".
6. **Confirm CAL 2:** Press the **M+** button again. The display will show "CAL 2".
7. **Set Calibration Weight:** Continue pressing the **M+** button until the display shows "00700.0 lb" (or your desired calibration weight). Use the **ON** button to move the flashing digit's position and the **Net/Gross** button to adjust the value to match the weight of your calibration object. For example, if calibrating with a 5.0 lb weight, set the display to "00005.0 lb".
8. **Place Calibration Object:** Press the **M+** button. The display will show "0.0 lb". Carefully place your known calibration object (e.g., a 5.0 lb weight) onto the center of the scale platform.
9. **Complete Calibration:** Once the weight is stable, press the **M+** button once more to complete the calibration process. The scale will return to normal weighing mode.

6. MAINTENANCE

- **Cleaning:** Wipe the stainless steel platform with a damp cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals. Ensure the scale is dry before storage or next use.
- **Storage:** Store the scale in a dry, clean environment. Avoid extreme temperatures.
- **Battery Care:** If using battery power, ensure the indicator is charged when needed. Avoid fully depleting the battery frequently to prolong its lifespan.
- **Inspection:** Periodically check all connections and components for any signs of wear or damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scale does not turn on.	No power, discharged battery, loose connection.	Check AC adapter connection. Charge the indicator battery. Ensure indicator cable is securely connected to the platform.
Inaccurate readings.	Uneven surface, scale not calibrated, damaged sensor.	Place scale on a level surface. Perform calibration (refer to Section 5). Contact support if problem persists.
Display shows "Err" or error code.	Overload, internal error.	Remove weight from scale. Turn off and restart. If error persists, contact support.
Weight fluctuates excessively.	Moving animal, unstable surface, air currents.	Use the Hold function. Ensure scale is on a stable surface. Minimize drafts.

8. SPECIFICATIONS

- **Product Dimensions:** 18 x 18 x 3 inches
- **Item Weight:** 26.55 Pounds
- **Model Number:** ams001
- **Brand:** jwniuid

- **Color:** Silver
- **Special Features:** Backlit Display, Smart
- **Display Type:** LCD
- **Weight Limit:** 700 Pounds
- **Battery Life (Indicator):** Up to 320 hours (wireless operation)
- **Operating Temperature:** 14°F - 104°F
- **Voltage:** 110-240V
- **Charge Time:** 7 hours

DURABLE HEAVY METAL RIGID PLATE

Product Size: 18"x18"x1.6in"

Weight: 21.2lb

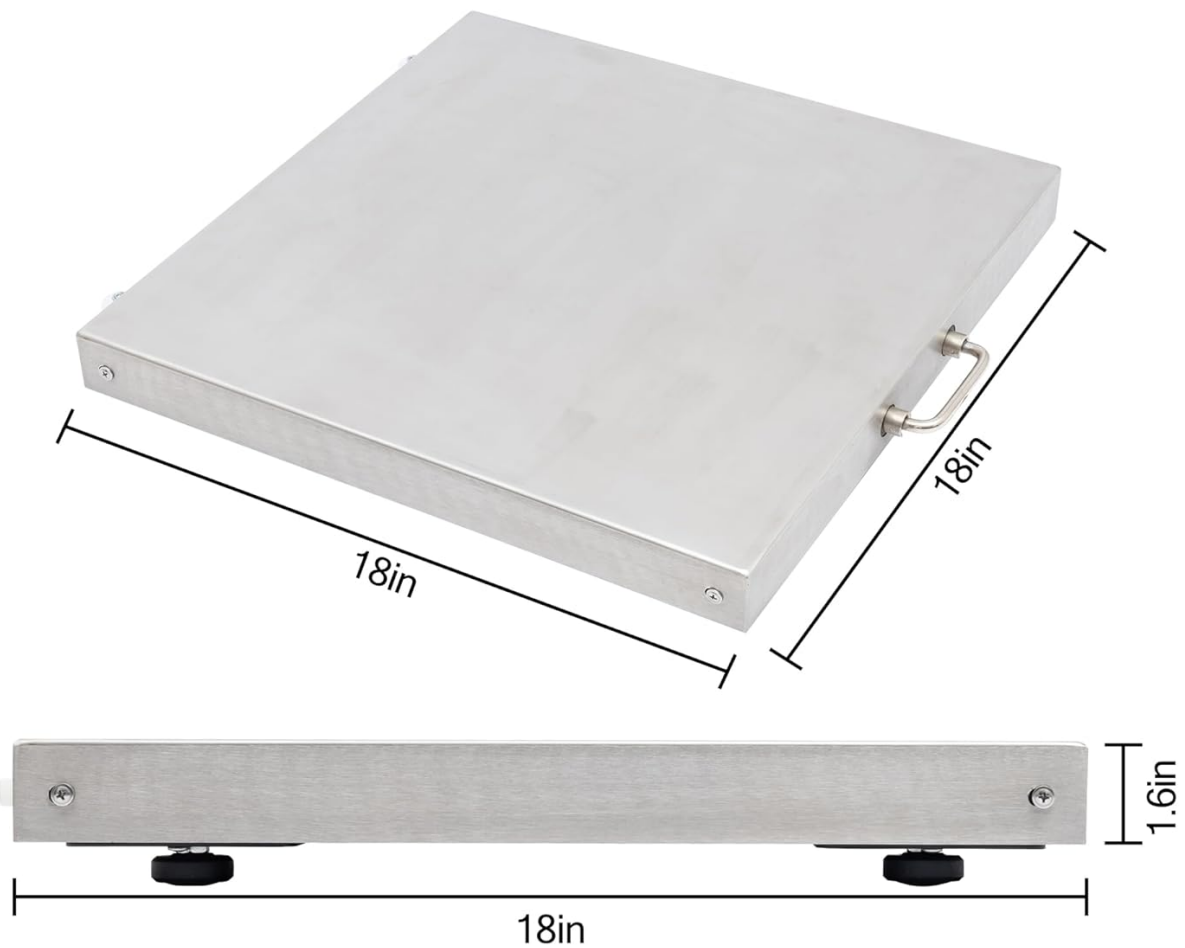


Figure 8.1: Physical dimensions of the scale platform.



Figure 8.2: Indicator specifications including battery life and operating conditions.

9. WARRANTY AND SUPPORT

All jwniind animal scales undergo rigorous testing and come with a warranty. For any questions, technical assistance, or warranty claims, please contact jwniind customer support. Refer to the product packaging or purchase documentation for specific contact information.

10. PRODUCT USAGE EXAMPLES

The jwniind Animal Scale is suitable for various applications requiring accurate animal weight measurement.

PACKING LIST



Animal Scale*1



Digital Indicator*1



Instruction Manual*1



Carrying Handle*1



Screw*6



Nut*2



Wheels*2



Knobs & Hand Screws*4

Figure 10.1: Examples of environments where the animal scale can be utilized.