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› Weighmax Dream Series Digital Pocket Scale User Manual

## Weighmax RA100

# Weighmax Dream Series Digital Pocket Scale

Model: RA100

## INTRODUCTION

The Weighmax Dream Series Digital Pocket Scale (Model RA100) is a compact and precise weighing instrument designed for various applications requiring high accuracy. Featuring a vibrant Rasta coating, this scale can measure weights up to 100 grams with an accuracy of 0.01 grams. It includes a clear protective cover that doubles as a weighing tray and operates on two AAA batteries, which are included for immediate use.

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your digital pocket scale to ensure optimal performance and longevity.

## SETUP

1. **Unpacking:** Carefully remove the scale and all accessories from the packaging. Verify that all components are present: the digital pocket scale, clear protective cover, and 2 AAA batteries.
2. **Battery Installation:**
  - Locate the battery compartment on the underside of the scale.
  - Open the battery compartment cover.
  - Insert the two AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
  - Close the battery compartment cover securely.
3. **Placement:** Place the scale on a hard, flat, and stable surface, free from vibrations or drafts. Uneven surfaces can affect accuracy.
4. **Initial Power On:** Press the **ON/OFF** button to turn on the scale. The display will show "88888" and then "0.00g" when ready for use.



Image: Front view of the Weighmax Dream Series Digital Pocket Scale, showing the display and control buttons.

## OPERATING INSTRUCTIONS

## Power On/Off

- To turn on the scale, press the **ON/OFF** button.
- To turn off the scale, press and hold the **ON/OFF** button for a few seconds until the display turns off. The scale will also automatically shut off after a period of inactivity to conserve battery life.

## Changing Weighing Units

- With the scale turned on, press the **MODE** button to cycle through the available weighing units: grams (g), ounces (oz), troy ounces (ozt), and carats (ct).
- The selected unit will be displayed on the LCD.

## Tare Function

The tare function allows you to subtract the weight of a container or tray, so you only measure the net weight of the item being weighed.

1. Place an empty container or the clear protective cover (used as a tray) on the weighing platform.
2. Wait for the display to stabilize and show the weight of the container.
3. Press the **TARE** button. The display will reset to "0.00g" (or the currently selected unit).
4. You can now add the items you wish to weigh into the container, and the display will show only the weight of the items.



Image: The Weighmax scale demonstrating the clear protective cover being used as a weighing tray.

## Weighing Procedure

1. Ensure the scale is on a stable surface and displaying "0.00g".
2. If using a container, perform the tare function as described above.
3. Gently place the item(s) to be weighed onto the center of the weighing platform or into the tared container.
4. Wait for the display to stabilize. The stable weight reading will be shown on the LCD.
5. Remove the item(s) from the platform.

## MAINTENANCE

- **Cleaning:** To clean the scale, wipe it with a slightly damp cloth. Do not immerse the scale in water or use abrasive cleaners, harsh chemicals, or solvents, as this may damage the finish or internal components.
- **Storage:** When not in use, store the scale in a clean, dry environment, away from extreme temperatures, humidity, and direct sunlight. Keep the clear protective cover on the scale to prevent dust and damage to the weighing platform.
- **Battery Replacement:** If the display shows "LO" or becomes dim, it indicates that the batteries are low and need to be replaced. Follow the battery installation steps in the Setup section.

## TROUBLESHOOTING

| Problem                         | Possible Cause                                  | Solution                                                                                                |
|---------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Scale does not turn on          | Dead or incorrectly installed batteries         | Replace batteries or ensure they are installed with correct polarity.                                   |
| Inaccurate readings             | Uneven surface, vibrations, drafts, or overload | Place scale on a stable, flat surface. Avoid vibrations and drafts. Ensure weight does not exceed 100g. |
| Display shows "LO"              | Low battery power                               | Replace the batteries.                                                                                  |
| Display shows "O_Ld" (Overload) | Weight on platform exceeds maximum capacity     | Remove excess weight immediately to prevent damage. The maximum capacity is 100g.                       |

## SPECIFICATIONS

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Model Number       | RA100                                            |
| Capacity           | 100 grams (100g)                                 |
| Accuracy           | 0.01 grams (0.01g)                               |
| Weighing Modes     | g, oz, ozt, ct                                   |
| Display            | Back-lit LCD                                     |
| Power              | 2 x AAA Batteries (included)                     |
| Material           | Plastic                                          |
| Product Dimensions | 5 x 3 x 0.9 inches (approx. 12.7 x 7.6 x 2.3 cm) |

|                  |                                                                |
|------------------|----------------------------------------------------------------|
| Item Weight      | 4.8 ounces (approx. 136 grams)                                 |
| Special Features | Tare function, Clear protective cover doubles as weighing tray |



Image: Diagram showing the dimensions of the Weighmax Dream Series Digital Pocket Scale.

## WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service inquiries, please refer to the contact information provided with your product packaging or visit the official Weighmax website. Please retain your proof of purchase for any warranty claims.

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