Fuzion PT500-GD

Fuzion PT500-GD Digital Mini Scale Instruction Manual

BRAND: FUZION

Model: PT500-GD

1. Setup

This section guides you through the initial setup of your Fuzion Digital Mini Scale.

1.1 Unboxing and Battery Installation

Carefully remove the scale and its accessories from the packaging. The package includes the digital scale, two plastic trays, and two AAA batteries.

To install the batteries:

1. Locate the battery compartment on the underside of the scale.
2. Open the battery compartment cover.
3. Insert the two AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

Before first use, gently peel off any protective blue plastic film from the stainless steel weighing platform to ensure accurate readings.

Figure 1: Fuzion Digital Mini Scale with protective cover.

1.2 Using the Trays

The scale comes with two plastic trays. These trays can be used to hold items for weighing, especially small or loose materials like herbs, spices, or jewelry. They also double as protective covers for the scale when not in use.

Figure 2: Scale display showing weighing range and multiple units.

2. Operating Instructions

Familiarize yourself with the scale's functions for accurate and efficient use.

2.1 Power On/Off

- Press the **ON/OFF** button (usually marked with a power symbol) to turn the scale on.
- Press and hold the **ON/OFF** button to turn the scale off. The scale also features an auto-off function to conserve battery life.

2.2 Unit Conversion

The scale supports 6 units of measurement: Grams (g), Ounces (oz), Grains (gn), Troy Ounces (ozt), Pennyweights (dwt), and Carats (ct).

- Press the **MODE (M)** button to cycle through the available units. The selected unit will be displayed on the LCD screen.

2.3 Tare Function

The Tare function allows you to subtract the weight of a container, so you only measure the weight of its contents.

- Place an empty container (e.g., one of the included trays) on the weighing platform.
- Wait for the display to stabilize and show the container's weight.
- Press the **TARE (T)** button. The display will reset to zero.
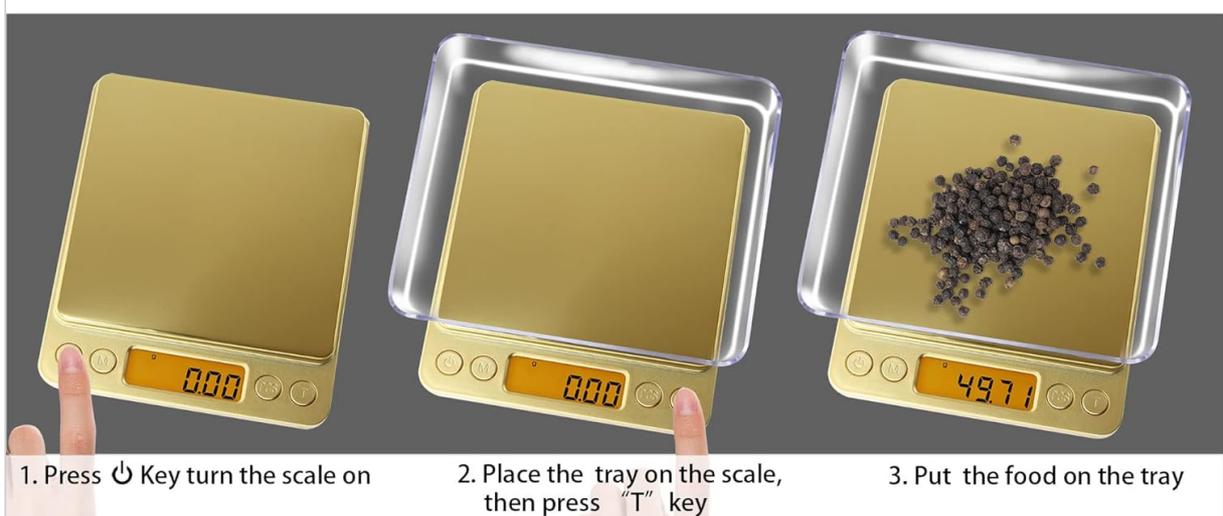- You can now add your items to the container, and only their weight will be measured.

Figure 3: Steps for using the Tare function.

2.4 Counting Function (PCS)

This function is useful for counting identical items quickly, such as pills, jewelry beads, or coins.

1. Turn on the scale and ensure it is in weighing mode (not counting mode).
2. Place a sample quantity of items (e.g., 25, 50, 75, or 100 pieces) on the platform.
3. Press and hold the **PCS** button until 'PCS' appears on the display.
4. Press the **MODE (M)** button to select the sample quantity you placed (e.g., '25', '50').
5. Press **PCS** again to confirm. The display will show the number of items in your sample.
6. You can now add more items, and the scale will count them based on the sample weight.

3. Maintenance

Proper care ensures the longevity and accuracy of your scale.

3.1 Cleaning

Wipe the scale with a soft, damp cloth. Do not use abrasive cleaners or immerse the scale in water.

3.2 Calibration

The scale ships pre-calibrated. However, it can be easily re-calibrated if needed. Refer to the detailed calibration instructions in the included user manual for specific steps.

3.3 Battery Care

When the low battery indicator appears on the display, replace both AAA batteries promptly to maintain accuracy and functionality.

4. Troubleshooting

If you encounter issues with your scale, try the following:

- **Inaccurate Readings:** Ensure the scale is on a flat, stable surface. Remove any protective films. Check battery levels. Recalibrate if necessary.
- **Display Not Working:** Check battery installation and replace batteries if they are low or depleted.
- **Scale Not Turning On:** Verify batteries are correctly inserted and charged.

5. Specifications

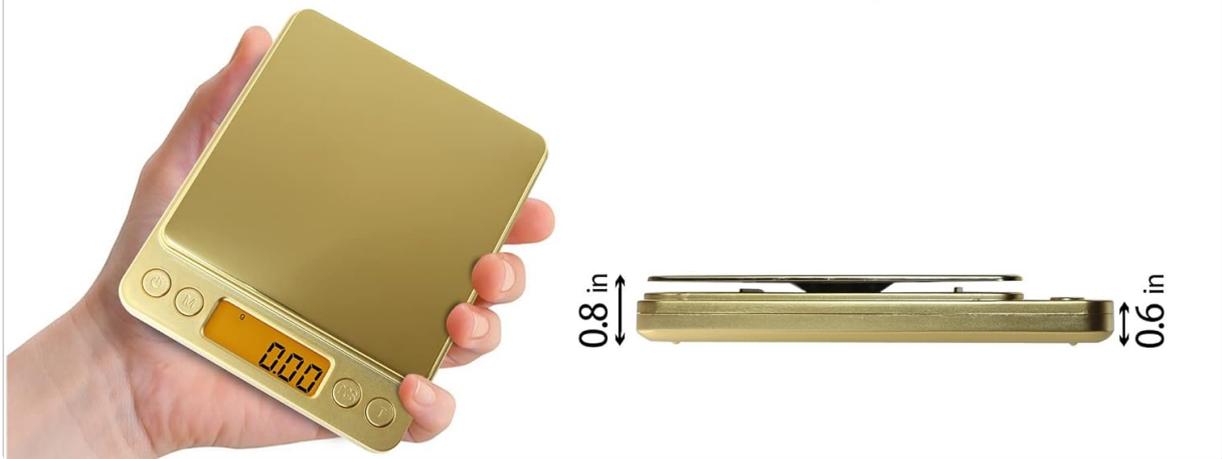|	
Capacity x Readability	500g x 0.01g
Minimum Weight	0.03g
Permissible Error	+/- 0.02g
Units of Measurement	Grams, Ounces, Grains, Troy Ounces, Pennyweights, Carats
Display Type	Backlit LCD Display
Platform Material	Stainless Steel
Base Material	Durable ABS
Power Source	2 x AAA Batteries (included)
Dimensions	6.18 x 5.08 x 1.22 inches (Package)
Item Weight	8.4 ounces

Figure 4: Compact size of the Fuzion Digital Mini Scale.

6. Warranty and Support

Fuzion offers a 2-year warranty and lifetime support for this digital mini scale. For any concerns or assistance, please contact our Fuzion support team for full-day service.