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Fuzion FZ-200

Fuzion FZ-200 Digital Pocket Scale Instruction Manual

Model: FZ-200

1. INTRODUCTION

Thank you for purchasing the Fuzion FZ-200 Digital Pocket Scale. This precision instrument is designed for accurate weighing of various small items, from food ingredients to jewelry and coins. Please read this manual carefully to ensure proper operation and to maximize the lifespan of your scale.



Figure 1: Fuzion FZ-200 Digital Pocket Scale

The FZ-200 is compact, portable, and features a durable stainless steel weighing platform and a clear, backlit LCD display for easy readability.

2. PRODUCT FEATURES

- **High Precision:** Capacity of 200g with 0.01g readability. Permissible error of +/- 0.03g.
- **Multiple Units:** Supports 6 units of measurement: grams (g), grains (gn), ounces (oz), troy ounces (ozt), pennyweights (dwt), and carats (ct).
- **Backlit LCD Display:** Provides clear readings in various lighting conditions.
- **Tare Function:** Allows you to subtract the weight of a container for net weight measurement.
- **Auto-Off Function:** Conserves battery life by automatically turning off after a period of inactivity.
- **Durable Construction:** Features a stainless steel platform and a protective ABS flip cover.
- **Portability:** Compact and lightweight design for easy carrying.



Figure 2: Key Features of the FZ-200 Scale

3. SETUP

- Battery Installation:** The scale requires 2 AAA batteries (included). Open the battery compartment on the underside of the scale and insert the batteries, ensuring correct polarity.
- Placement:** Place the scale on a hard, flat, and stable surface. Avoid placing it on soft or uneven surfaces, or near vibrating equipment, as this may affect accuracy.

4. OPERATING INSTRUCTIONS

4.1. Basic Weighing

- Press the **ON/OFF** key to turn on the scale.
- Wait until the LCD display shows "0.00" or "0.0".
- Gently place the item to be weighed on the center of the weighing platform.
- The display will show the weight of the item.

4.2. Tare Function

The tare function allows you to weigh items in a container by subtracting the container's weight.

- Place the empty container on the weighing platform.
- Press the **TARE** key. The display will reset to "0.00" or "0.0".
- Add the items you wish to weigh into the container. The display will show the net weight of the items.



Figure 3: Tare Function Steps

4.3. Changing Units of Measurement

To switch between the available weighing units:

- With the scale on, press the **MODE** key repeatedly to cycle through the units: g (grams), oz (ounces), ozt (troy ounces), dwt (pennyweights), ct (carats), and gn (grains).
- Select the desired unit for your measurement.

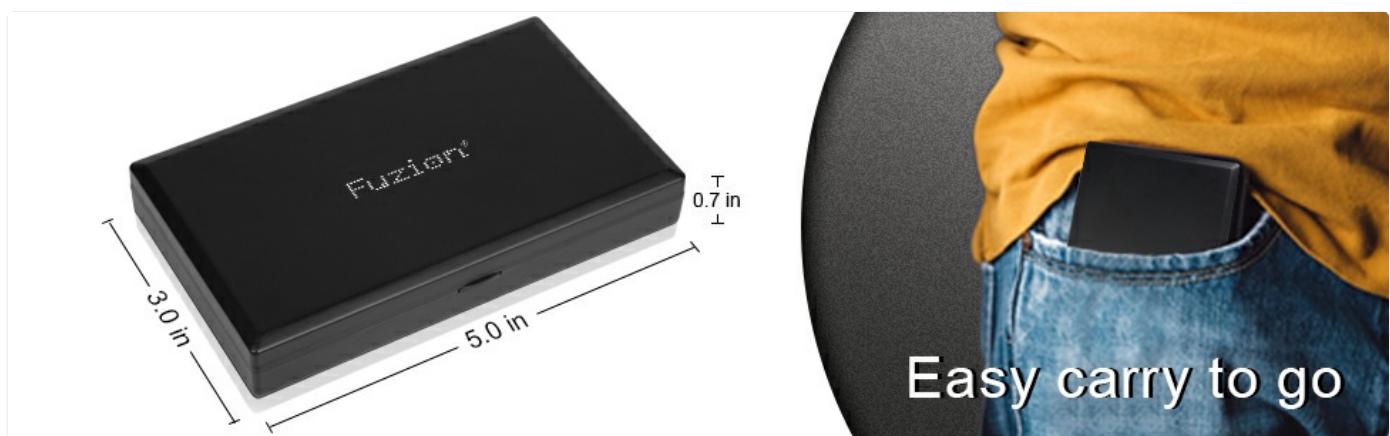


Figure 4: Available Weighing Units

4.4. Calibration

The scale comes pre-calibrated. However, if you notice inaccuracies or after prolonged use, you may need to recalibrate it. A 100g calibration weight is recommended (sold separately for some models, check your package contents).

- Turn the scale **ON**.
- Press and hold the **MODE** key until the display shows "CAL".
- Release the **MODE** key. The display will then flash the required calibration weight (e.g., "100.00g").
- Place the required weight onto the center of the weighing platform.

5. The display will show "PASS" and then return to the normal weighing mode, indicating successful calibration.

4.5. Applications

The FZ-200 is versatile and suitable for various applications requiring precise measurements:

- Weighing jewelry, gold, and gems.
- Measuring small food portions, spices, and herbs.
- Counting coins or small components.
- Use in laboratories or for educational purposes.



Figure 5: Versatile Applications of the FZ-200 Scale

5. MAINTENANCE

- **Cleaning:** Wipe the scale with a slightly damp cloth. Do not immerse the scale in water or use abrasive cleaners.
- **Storage:** Store the scale in a clean, dry environment. Keep the protective flip cover closed when not in use to

protect the weighing platform.

- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display to ensure accurate readings.
- **Handle with Care:** Avoid dropping the scale or subjecting it to strong impacts, as this can damage the internal sensors.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display shows "Lo"	Low batteries	Replace the batteries.
Display shows "O-Ld"	Overload	Remove the item immediately. The maximum capacity is 200g.
Inaccurate readings	Unstable surface, need for calibration, or extreme temperature changes.	Place on a stable surface. Perform calibration (see section 4.4). Allow scale to acclimate to room temperature.
Scale does not turn on	No batteries, incorrect battery installation, or dead batteries.	Check battery installation and polarity. Replace batteries if necessary.

7. SPECIFICATIONS

- **Brand:** Fuzion
- **Model:** FZ-200
- **Capacity:** 200 Grams
- **Readability:** 0.01 Grams
- **Permissible Error:** +/- 0.03g
- **Units of Measurement:** g, gn, oz, ozt, dwt, ct
- **Display Type:** LCD with Backlight
- **Platform Material:** Stainless Steel
- **Body Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Power:** 2 x AAA Batteries (included)
- **Product Dimensions:** 5 x 3 x 0.7 inches
- **Item Weight:** 4.8 Ounces



Figure 6: Compact Design for Easy Portability

8. WARRANTY AND SUPPORT

Fuzion offers a **Two Years Warranty** and **Lifetime Support** for this digital gram scale. Our dedicated Fuzion support team is available to assist you with any questions or concerns you may have regarding your product.

For assistance, please refer to the contact information provided with your purchase or visit the official Fuzion website.



Figure 7: Fuzion FZ-200 with 2-Year Warranty

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Related Documents - FZ-200

	<p><u>Fuzion EP Digital Postal Scale Quick Start Guide</u></p> <p>A quick start guide for the Fuzion EP Digital Postal Scale, covering operation, calibration, troubleshooting, and specifications. Learn how to use the tare and hold functions, and understand indication messages.</p>
	<p><u>Fuzion KD-Series Professional Digital Milligram Scale User Guide</u></p> <p>Comprehensive user guide for the Fuzion KD-Series Professional Digital Scale, including models KD-50 and KD-20. Learn about setup, operation, tare function, auto-off settings, calibration procedures, and detailed specifications.</p>

