

Product User Manual

Digital Measuring Spoon Scale User Manual

Product Overview

This digital measuring spoon scale is a compact, precision kitchen tool designed for accurate measurement of dry ingredients (e.g., flour, sugar, spices) and liquid condiments (e.g., oil, honey) in baking, cooking, and meal prep. Featuring an ergonomic handle, easy-to-read LCD display, and multiple unit conversion, it eliminates the need for traditional measuring cups and scales, making portion control effortless.

Key Features

- **High Precision:** Measures with 0.1g accuracy for small batches and precise cooking.
- **Multi-Unit Conversion:** Supports **g / oz / lb / ml** (ml mode for water-like liquids) to meet different recipe standards.
- **Tare Function:** Resets the display to zero to measure multiple ingredients in the same spoon or account for the weight of a container.
- **Data Hold:** Locks the reading on the display when the spoon is lifted, preventing measurement errors from movement.
- **Auto-Off:** Automatically shuts off after 60 seconds of inactivity to save battery power.
- **Easy Storage:** Built-in hanging hole on the handle for convenient storage on kitchen hooks or in drawers.

Specifications

- **Maximum Capacity:** 500g / 17.6oz / 1.1lb / 500ml
- **Accuracy:** $\pm 0.1\text{g}$ (0–100g); $\pm 0.5\text{g}$ (101–500g)
- **Display:** LCD screen with backlight (for low-light kitchens)
- **Power Supply:** 1 x CR2032 3V button battery (included)
- **Material:** Food-grade PP (spoon bowl) + ABS (handle) – BPA-free, safe for food contact
- **Dimensions:** Approx. 25cm (length) x 6cm (spoon width)

Safety Precautions

1. **Food Safety:** Ensure the spoon is clean and dry before use. Do not use it with extremely hot ingredients (exceeding 80°C / 176°F) to avoid damaging the plastic or electronic components.
2. **Water Resistance:** The scale is **NOT fully waterproof**. Do not immerse the entire unit in water; wipe clean only with a damp cloth. Avoid getting water into the battery compartment or button areas.

3. **Battery Safety:** Keep the button battery away from children and pets to prevent swallowing. Replace the battery only with the same type (CR2032). Do not short-circuit or disassemble the battery.
4. **Handling:** Do not drop the scale or apply excessive force to the spoon bowl, as this may damage the internal sensor.
5. **Storage:** Store in a cool, dry place. Do not place heavy objects on top of the scale when not in use.

Setup Instructions

1. **Battery Installation** (if not pre-installed):
 - Locate the battery compartment on the back of the handle.
 - Use a small screwdriver to open the compartment cover.
 - Insert the CR2032 battery with the **positive (+) side facing up**.
 - Close the cover and tighten the screw securely.
2. **Power On:** Press the “ON/OFF” button to activate the scale. The LCD display will show “0.0g” (or the default unit) to indicate it is ready for use.

Step-by-Step Usage Instructions

1. Basic Measurement

1. Place the scale on a flat, stable surface (e.g., a countertop).
2. Press “ON/OFF” to power on. Ensure the display reads “0.0g” (if not, press “TARE” to reset to zero).
3. Slowly add the ingredient to the spoon bowl. The display will update in real time to show the weight.
4. For liquids: Use the “MODE” button to switch to “ml” mode (suitable for water, milk, oil, etc.). Pour the liquid carefully to avoid spills.

2. Unit Conversion

- Press the “MODE” button repeatedly to cycle through units: **g** → **oz** → **lb** → **ml**.
- The current unit will be displayed in the top corner of the LCD screen.

3. Tare Function (Zero Reset)

- Use this function to measure multiple ingredients in one spoon or to exclude the weight of a small container placed on the spoon:
 1. Place the empty container (e.g., a small cup) on the spoon bowl.
 2. Press the “TARE” button. The display will reset to “0.0g”, ignoring the container’s weight.
 3. Add the ingredient to the container—the display will show only the weight of the ingredient.

4. Data Hold

- When measuring ingredients that require lifting the spoon (e.g., to check the reading at eye level), press the **“HOLD”** button. The display will lock the current reading, and **“HOLD”** will appear on the screen.
- Press **“HOLD”** again to release the lock and resume real-time measurement.

5. Power Off

- **Auto-Off:** The scale will turn off automatically after 60 seconds of inactivity.
- **Manual Off:** Press and hold the **“ON/OFF”** button for 2 seconds to shut down immediately.

Maintenance & Cleaning

1. Cleaning:

- After use, wipe the spoon bowl and handle with a soft, damp cloth. For stubborn stains, use a mild detergent (do not use abrasive cleaners or scouring pads).
- Dry thoroughly with a clean towel before storage.
- **Important:** Do not rinse the scale under running water or soak it in water.

2. Battery Replacement:

- When the LCD display shows **“LO”** or the numbers fade, it indicates the battery is low. Replace the battery promptly.
- Remove the old battery and insert a new CR2032 battery with the correct polarity.

3. Long-Term Storage:

- If the scale will not be used for more than 1 month, remove the battery to prevent leakage and damage to the internal circuitry.
- Store the scale in a dry, dust-free bag or box.

Troubleshooting

Warranty

This digital measuring spoon scale comes with a **12-month limited warranty** from the date of purchase. The warranty covers defects in materials and workmanship under normal use. It does **not** cover damage caused by:

- Improper use (e.g., immersion in water, exposure to high heat, dropping)
- Unauthorized disassembly or repair
- Normal wear and tear (e.g., scratches on the spoon bowl)

For warranty claims, contact the seller with your purchase receipt and a description of the issue.

