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› WEIGHTMAN Milligram Scale 100g x 0.001g User Manual

WEIGHTMAN MAGEEK

WEIGHTMAN Milligram Scale User Manual

Model: MAGEEK

INTRODUCTION

Thank you for choosing the WEIGHTMAN Milligram Scale. This high-precision digital scale is designed for accurate measurements up to 100g with 0.001g readability, making it ideal for various applications such as weighing powders, jewelry, gemstones, and for reloading. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your device.

SAFETY INFORMATION

- Do not overload the scale beyond its maximum capacity of 100g.
- Avoid extreme temperatures and humidity. Operate the scale in a stable environment.
- Keep the scale away from strong electromagnetic fields.
- Handle with care. Do not drop or subject the scale to sudden shocks.
- Clean the scale with a soft, damp cloth. Do not use abrasive cleaners or immerse in water.
- Ensure the scale is placed on a stable, level surface during operation.

PACKAGE CONTENTS

- WEIGHTMAN Milligram Scale (Model: MAGEEK)
- 50g Calibration Weight
- Weighing Pan/Tray
- Tweezers
- USB Cable
- AAA Batteries (2 included)



Image: The WEIGHTMAN Milligram Scale shown with its accessories, including the weighing pan, calibration weights, tweezers, and USB cable.

PRODUCT OVERVIEW

The WEIGHTMAN Milligram Scale features a compact design with a clear LCD display and intuitive controls. It includes a draft shield to minimize environmental interference during weighing. The scale is equipped with adjustable feet and a bubble level for precise leveling.

UPGRADE LARGE SIZE

The draft shields is enlarged to accommodate the tray.
Larger LCD, easy-to-read measurement results.

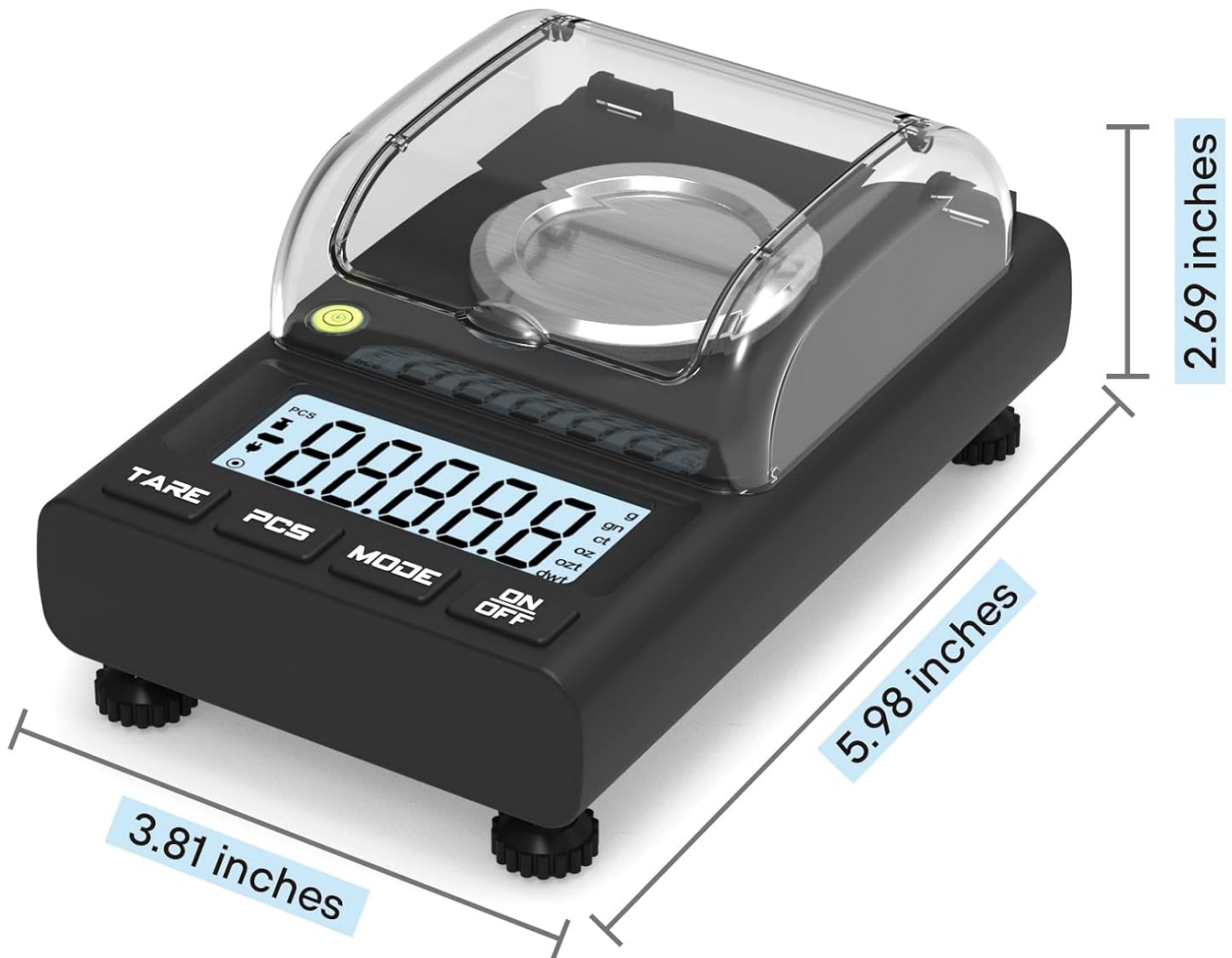


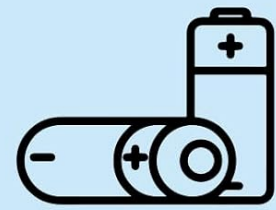
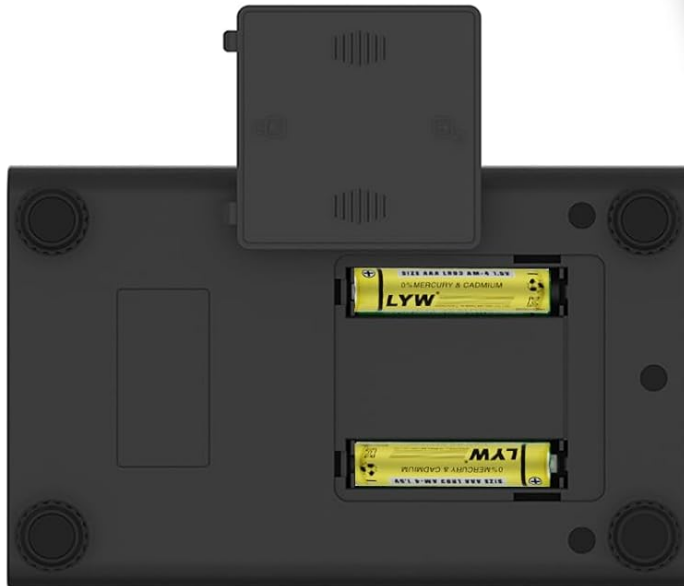
Image: Side view of the scale illustrating its dimensions: approximately 5.98 inches long, 3.81 inches wide, and 2.69 inches high with the draft shield open.

SETUP

1. Power Supply

The scale can be powered by either 2 AAA batteries (included) or via a USB connection.

- **Battery Mode:** Open the battery compartment on the bottom of the scale and insert 2 AAA batteries, ensuring correct polarity.
- **USB Mode:** Connect the provided USB cable to the scale's USB port and to a compatible USB power source (e.g., computer, USB wall adapter).



Battery Mode

TWO POWER SUPPLY MODES



USB Mode



Image: Illustrations showing the battery compartment for AAA batteries and the USB port for external power connection.

2. Placement and Leveling

For accurate measurements, place the scale on a firm, flat, and stable surface free from vibrations. Use the adjustable feet and the integrated bubble level to ensure the scale is perfectly level.

TARE FUNCTION



1

Put the container/tray on the weighing pan



2

Press TARE button to let the reading reset to zero



3

Put the item in the container/tray



4

Get the net weight

Draft Shields: To prevent influencing the accuracy by the interference of airflow

Image: Close-up view of the scale highlighting the bubble level and one of the adjustable feet, used to ensure the scale is perfectly horizontal.

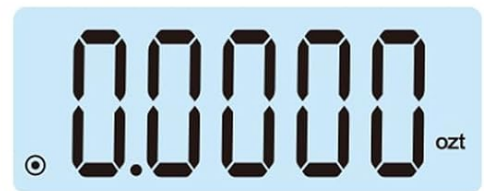
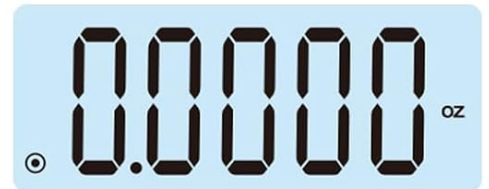
OPERATING INSTRUCTIONS

1. Turning On/Off

Press the **ON/OFF** button to turn the scale on. Press and hold the **ON/OFF** button to turn the scale off.

2. Unit Conversion

Press the **MODE** button to cycle through the available weighing units: grams (g), grains (gn), carats (ct), ounces (oz), troy ounces (ozt), and pennyweights (dwt).



6 UNITS CONVERSION

Image: The scale's display showing various measurement units like grams, grains, carats, ounces, troy ounces, and pennyweights.

3. Tare Function

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

1. Place the empty container/tray on the weighing pan.
2. Press the **TARE** button. The display will reset to zero.
3. Add the item to be weighed into the container. The display will show the net weight of the item.

TO KEEP BALANCE



Bubble Level

Adjustable Feet

Image: A four-step visual guide demonstrating how to use the tare function: placing a container, pressing TARE, adding the item, and reading the net weight.

4. Calibration

Calibration ensures the accuracy of your scale. It is recommended to calibrate the scale regularly or if you notice inconsistencies.

1. Turn on the scale and ensure the display shows '0.000g'.
2. Press and hold the **MODE** key until the display shows "CAL", then release.
3. Press the **MODE** key again. The display will show "50.000".
4. Gently place the 50g calibration weight in the center of the platform. After a few seconds, the display will show "100.00".
5. Place another 50g calibration weight (total 100g) on the platform.
6. After a few seconds, the screen will show "PASS", then you may remove the calibration weights from the platform. The scale is now calibrated.

CALIBRATION



1

Turn on the scale press "TARE" key to zero the display



2

Press and hold "MODE" key until the display shows "CAL" and then press "MODE" key again the display will display 50.000



3

Gently put the 50g weight in the center of the platform. After a few seconds, the display will display 100.00, Place another 50g calibration weight on the platform



4

"PASS" shows on screen, then remove the calibration weight from the platform

Image: A six-step visual guide detailing the calibration process using 50g and 100g calibration weights.

5. Counting Function (PCS)

The counting function allows you to count multiple items of the same weight.

1. Turn on the scale and ensure the display shows '0.000g'.
2. Place a sample quantity (e.g., 25, 50, 75, or 100 pieces) of the items you wish to count on the weighing pan.
3. Press and hold the **PCS** button until the display shows '25', '50', '75', or '100'.
4. Press the **MODE** button to select the sample quantity that matches the number of items on the pan.
5. Press the **PCS** button again to confirm. The scale is now in counting mode.
6. Remove the sample quantity and add the items you wish to count. The display will show the number of pieces.

MAINTENANCE

- Always store the scale in a clean, dry environment.
- Avoid exposing the scale to extreme temperatures or sudden temperature changes.

- Clean the weighing pan and the scale body with a soft, slightly damp cloth. Do not use harsh chemicals or abrasive materials.
- If the scale will not be used for an extended period, remove the batteries to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display shows "Lo"	Low battery power.	Replace batteries or connect via USB.
Display shows "O-Ld"	Scale overloaded.	Remove excess weight immediately. Do not exceed 100g.
Inaccurate readings	Not calibrated, unstable surface, air currents, or temperature changes.	Recalibrate the scale. Ensure it's on a stable, level surface. Use the draft shield. Avoid drafts and sudden temperature changes.
Scale does not turn on	No power, incorrect battery installation.	Check battery orientation and charge. Try USB power.

SPECIFICATIONS

Feature	Detail
Brand	WEIGHTMAN
Model Number	MAGEEK
Capacity	100g
Readability	0.001g
Weighing Units	g, oz, ozt, dwt, ct, gn
Display Type	LCD with Backlit Display
Power Source	2 x AAA Batteries (included) or USB Powered
Special Features	Auto Shut Off, Backlit Display, Large Display, Tare Function, Counting Function, Draft Shield, Bubble Level, Adjustable Feet
Material	Acrylonitrile Butadiene Styrene, Stainless Steel
Product Dimensions	5.31 x 3.54 x 1.96 inches
Item Weight	4.8 ounces

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact WEIGHTMAN customer

service directly. Contact details can typically be found on the product box or the official WEIGHTMAN website.