AWS®
Weigh Better

ONYX User Manual



ONYX-5K (5000g x 1g)

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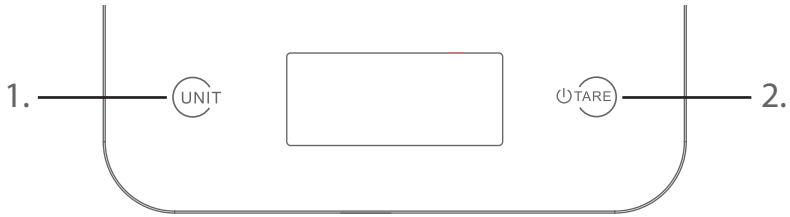
Thank you for purchasing the American Weigh ONYX digital kitchen scale. Please read all operating instructions carefully before use. Scales are precision measuring devices and should always be handled with proper care. To ensure years of reliable service, keep these simple tips in mind:

- Do not exceed the scale's maximum capacity. This scale has integrated overload protection, but any overload protection has its limits.
- Avoid weighing in extreme heat or cold. Scales perform best at normal room temperature.
- This scale has been calibrated at the factory. Only advanced users should attempt recalibration using the specified calibration masses.
- Store your scale in a clean, dry location. Dust, dirt, and moisture can accumulate on the weighing sensors and electronics causing inaccuracy or malfunction.
- Keep the area around and under the scale clean. Loose debris under the scale can push against the base causing inaccuracy.
- Avoid using your scale in close proximity to strong radio wave emitting devices such as cordless phones.
- Always weigh on a flat and level surface, free from vibrations and drafts. The corner of a room is usually the most stable.
- Gently apply all items to be weighed. Do not drop items onto the weighing platform. Overload protection does not protect the sensor from shock loading.
- Avoid dropping your scale. The warranty does not cover damage due to rough treatment or overload.
- Check the batteries first if you are having any trouble with your scale. This simple step can remedy most scale issues.

I. Part List

1. Scale
2. CR2032 Batteries (x2)

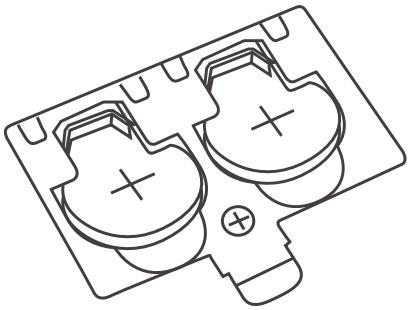
II. Key Description



1. **Unit Key** - Changes the displayed unit of measure
2. **ON/OFF/Tare Key** - Tap to turn on or re-zero the scale (if already on). Hold to turn the scale off.

III. Battery Installation

1. Before using the scale for the first time, check the battery compartment and remove any plastic insulation strips or packaging that may be in place to prevent battery drainage during shipping/storage.
2. If you are replacing the batteries, make sure the positive and negative contacts are properly aligned:



Install Both
CR2302 Batteries
Positive Side Up

IV. Scale Operation

1. Place the scale on a flat, level surface.
2. Tap the TARE key to turn the scale on.
3. Once the scale displays zero, you are ready to weigh.
4. Place items to be weighed on the center of the scale platform.
5. When you are finished weighing, you can turn the scale off by holding the TARE key for 2 seconds.

V. Using the Tare Feature

You can use this scale's tare feature to subtract the weight of an empty container or vessel to weigh only the contents. NOTE: The weight of the container will subtract from the available capacity.

1. Place the empty container or vessel on the weighing platform.
2. Press the TARE key once. The display will then reset to zero. If the container is removed, its weight will be displayed as a negative number.
3. You may now fill the container with the quantity to be weighed. The display will show just the weight of the contents.
4. To return to normal weight display (gross weight), remove any items from the weighing platform and press the TARE key again to re-zero the scale.

VI. Changing the Unit of Measure

1. Press the UNIT key to change the scale's displayed unit of measure.
2. If the scale is turned off then back on, it will default to the last unit used.

- **ONYX-5K Units:** g (gram) ▸ lb:oz (pound:ounce) ▸ oz (ounce) ▸ ml (milliliter) ▸ fl.oz. (fluid ounce - US)

VII. Calibration Adjustment (Advanced Users Only)

Calibration is performed at the factory. Only advanced users should attempt calibration if the scale is not weighing properly.

1. Turn the scale on and wait for zero to be displayed.
2. Tap the ⏻TARE key four times, holding the key on the last tap. A random number will be displayed.
3. With no weight on the scale, tap the ⏻TARE key again to set the zero point. After a couple of seconds the display will show "ZERO" followed by "0000" (±2).
4. Place a 2000g calibration weight on the center of the platform. After a couple of seconds the display will show "CAL1" followed by another random number (ISN).
5. Now place a total of 5000g on the center of the scale platform. The display will show "CAL2" then "5000g". Calibration is complete!

VIII. Error Codes

1.  Symbol - Batteries are low. Replace the batteries.

2. **EEEE**- Maximum capacity exceeded. This scale cannot be used to give measurements over 11lbs (5kg).

IX. Specifications

	ONYX-5K
Max. Capacity	5000g / 176.4oz / 5000ml / 169fl.oz / 11lb
Readability	1g / 0.1oz / 1ml / 0.1fl.oz / 0.1oz
Calibration Weights	2000g, 5000g (not included)
Power	2 x CR2032 Lithium Batteries (included)
Auto-Off Time	120 Seconds of Non-Use
Dimensions	5.9 x 9.1 x 0.5”
Display Size	0.9 x 2.2”
Warranty	10 Year Limited Warranty

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www.awscales.com
Made in China to our exact specifications and quality control.