

# AWS

## EPSILON

## User Manual



**EP-5KG (5000g x 1g)**

# EPSILON

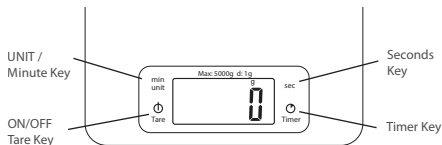
Thank you for purchasing the American Weigh EPSILON digital kitchen scale. Please read all operating instructions carefully before use. Scales are precision measuring devices and should always be handled with proper care. To ensure years of reliable service, keep these simple tips in mind:

- Do not exceed the scale's maximum capacity. Overloading your scale can permanently damage it!
- Avoid exposure to extreme heat or cold. Scales perform best at normal room temperature. If temperatures have changed dramatically, calibration and adjustment may be necessary.
- Allow your scale to warm up for 30-60 seconds before performing calibration and adjustment(if available).
- Store your scale in a clean, dry location. Dust, dirt, and moisture can accumulate on the weighing sensors and electronics causing inaccuracy or malfunction.
- Avoid using your scale in close proximity to strong radio wave emitting devices such as computers, cash registers, and 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.
- 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.
- Do not disassemble your scale. This product contains no user serviceable parts.

## I. Part List

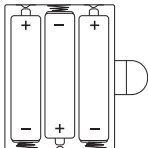
1. Scale
2. AAA Batteries (x3)

## II. Key Description




## 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.



## IV. Operation


1. Place the scale on a flat, level surface and tap the  / **Tare** key to turn the scale on.
2. Once the start-up process completes and the scale goes to zero you are ready to weigh.
3. Place the quantity to be weighed onto the weighing platform.
4. Wait a couple seconds for the display to stabilize before taking a weight reading.


## V. Changing the Unit of Measure

1. Press the **min/unit** key to change the scales displayed unit of measure.
2. If the scale is turned off then back on, it will default to the last unit used.
  - **EP-5KG Units:** g (gram) ▶ oz (ounce) ▶ fl.oz (fluid ounce) ▶ lb:oz (pound:ounce) ▶ ml (milliliter)






## VI. Using the Tare Feature

You can use this scale's tare feature to subtract the weight of an empty container or vessel for net weight determination. **NOTE:** The weight of the container will subtract from the available capacity.

1. With the scale ON, 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, it's 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 the net 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.

## VII. Timer Function

1. Press the  **Timer** key to enter kitchen timer mode.
2. To set the timer:
  - a. To change the minutes by 1 minute at a time, tap the **min/unit** key.
  - b. To change the minutes by 10 minutes at a time, press and hold the **min/unit** key.
  - c. To change the seconds by 1 minute at a time, tap the **min/unit** key.
  - d. To change the seconds by 10 minutes at a time, press and hold the **min/unit** key.
3. Once the timer is set, press the  **Timer** key to start the countdown.
4. You can press the  / **Tare** key during the countdown to use the scale at any point. The countdown will continue internally. Press the  **Timer key** to display the countdown again.
5. An audible alarm will notify you when the countdown is completed. To stop the alarm press the  **Timer** key.

## VIII. Troubleshooting

- **Problem:** Scale will not turn on
- **Solution:** Check the batteries
- **Problem:** Displayed weight fluctuates randomly

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- **Solution:** Make sure your workspace is stable and free of any air currents or vibration

## IX. Error Codes

1. **OUTZ** - Zero range has shifted. Perform calibration adjustment. If the problem persists, the load cell may be permanently damaged due to overloading.
2. **EEEE** - Maximum capacity exceeded. Remove the extra weight to avoid damaging the load cell.
3. **UNST** - Scale is unstable. Use the scale in a more stable position.

## X. Specifications

|                     | EP-5KG                   |
|---------------------|--------------------------|
| Max. Capacity       | 5000g                    |
| Readability         | 1g                       |
| Power               | 3 x AAA                  |
| Dimensions          | 5.9 x 9.0 x 1.1"         |
| Platform Dimensions | 5.9 x 9.0"               |
| Warranty            | 10 Year Limited Warranty |

## XI. Capacity/Readability Charts

| EP-5KG                |
|-----------------------|
| 5000g x 1g            |
| 169.1fl.oz x 0.1fl.oz |
| 11lb x 0.1oz          |
| 5000ml x 1ml          |

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Made in China to our exact specifications and quality control.