2K-BOWL / 5K-BOWL User Manual

2K-BOWL (2000g x 0.1g)
5K-BOWL (5000g x 1g)

CE

Thank you for purchasing the American Weigh 2K/5KBOWL 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

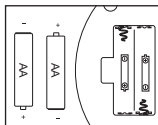1. Scale
2. 2L Weighing Bowl
3. AA Batteries (x2)

II. Key Description

Mode Key   ON/OFF Key

1. **MODE Key** - Press to change the weighing unit.
2. **ON/OFF Key** - Press to turn scale on. Press and hold to turn off. Tap during weighing to zero the scale properly aligned.

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 press the **ON/OFF** 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. To change the displayed unit of measure, tap the MODE key.

- **2K-BOWL Units:** g (gram) ▶ oz (ounce) ▶ ozt (troy ounce) ▶ dwt (pennyweight)
- **5K-BOWL Units:** kg/g (kilogram/gram) ▶ lb/oz (pound/ounce)

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. Place the empty container or vessel on the weighing platform.
2. Tap the **ON/OFF** key briefly. 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 **ON/OFF** key again to re-zero the scale.

VII.   Calibration

Calibration and adjustment are performed at the factory. However, the weighing range can shift slightly during shipping. Also, due to changes in local acceleration of gravity around the world, adjustment is recommended when moving the scale from one location to another. To check calibration:

1. Place the required calibration weight (see chart) on the scale and note the displayed value.
2. If the displayed value is not within acceptable tolerance (see chart below), adjustment is required.

Model	Acceptable Tolerance (±)	Calibration Weight	Recommended Accuracy Class
2K-BOWL	0.2g	2kg	OIML M2
5K-BOWL	2g	5kg	OIML M2

VIII.   Adjustment

1. Turn the scale **ON**.
2. Press and hold the **MODE** key until the display shows "CAL".
3. Make sure nothing is on the platform (or in the bowl if you are using it) then press the **MODE** key again.
4. The display will flash "CAL" followed by the required calibration weight (see chart above).
5. Place the required weight on the scale. Once stable, the display will show "PASS" then return to normal weighing mode. Calibration is complete!

IX. Troubleshooting

- **Problem:** Scale will not turn on
- **Solution:** Check the batteries

- **Problem:** Displayed weight fluctuates randomly
- **Solution:** Make sure your workspace is stable and free of any air currents or vibration

- **Problem:** Displayed weight is inaccurate
- **Solution:** Perform a calibration adjustment

X. 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. **O-Ld** - Maximum capacity exceeded. Remove the extra weight to avoid damaging the load cell.

	2K-BOWL	5K-BOWL
Max. Capacity	2000g / 70.54oz / 64.30ozt / 1285.9dwt	5kg / 11.0lb
Readability	0.1g / 0.01oz / 0.01ozt / 0.1dwt	1g / 0.1oz
Power	Two (2) AA Alkaline Batteries	
Dimensions	2.0 x 7.5 x 7.5 in.	
Platform Dimensions	Ø 5.2 in.	
Bowl Volume	2 Liters	
Warranty	10 Year Limited Warranty	