

**truweigh**™ 



**WAVE**

**USER GUIDE**

Thanks for purchasing the WAVE Washdown Digital Scale! This User Guide is designed to get you up and running quickly with your scale. Scales are precision instruments and require proper care and skill to get the best results. If you have questions or need support, visit us at [truweigh.com/support](http://truweigh.com/support) or scan the QR Code on the back of this manual using your smartphone.

## What's In The Box

User Guide



Two AA Batteries



Small Phillips Head Screwdriver



WAVE Washdown Digital Scale with Cover/Tray



## Things To Avoid



Unlevel Surfaces



Radio Frequency Interference



Air Currents



Vibration

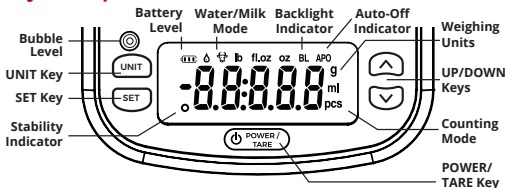


Extreme Temps



This scale is IP65 Rated for water and dust ingress protection. It can withstand sprays of water but do not fully submerge.

## Key Descriptions



**POWER/TARE** - Press to turn scale on. Press to re-zero display. Hold to turn scale off.

**UNIT** - Press to change weighing unit. (see Counting Function for "pcs" settings).

**SET** - Enters function settings menu.



**UP/DOWN** - Use to adjust setpoint and function settings. (see Checkweighing Backlight)

## Weighing Your First Item

1. Press the **POWER/TARE** key to turn the scale on.

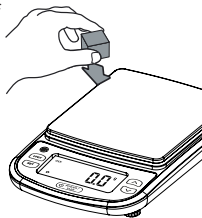
2. Place the item on the center of the weighing platform.

3. Take your reading from the display. You can press the **UNIT** key to convert between weighing units:

g, ml (  water /  milk ),

lb:oz, fl.oz (  water /  milk )

4. The default Auto-Off setting will turn the scale off after 5 minutes of inactivity or you can hold the **POWER/TARE** key to manually turn the scale off.



## Tare Function

The Tare function allows you to subtract the weight of a container so that the display only shows the weight of the contents.



Place an empty tray or container on the platform.



Press the **POWER/TARE** key to subtract the container's weight.



Add items to the container to see their weight on the display.



**NOTE:** The weight of the container will subtract from the available capacity and will leave a negative value on the display once the weight is removed. Press **POWER/TARE** again to return the display to zero.

## Counting Function

The counting function is used to accurately count items of uniform weight such as beads or screws.

1. Press the **UNIT** key to change to "pcs" mode.
2. Press the **SET** key. The display will show "cnt".
3. Press **SET** again. The display will show "Pc.25".
4. Use the **UP/DOWN** keys to select between: 25, 50, 75 or 100 pcs then press **SET** to confirm.
5. Place a sample quantity of your items on the platform matching the count you selected above.
6. Press the **SET** key to confirm the sample qty and set the average piece weight (APW) in memory.
7. You may now place any quantity on the scale and view the piece count. ("pcs" will show on the display)

## Checkweighing Backlight

The checkweighing feature allows you to quickly check if an item is within a set weight range using the programmable backlight.

Graph showing weighing range with example checkweighing setpoints



To change the HI/LO values or disable the backlight:

1. Press the **SET** key. The display will show "bl".
2. Press the **SET** key. The display will show "bl-On", for "backlight on".
3. You can use the **UP/DOWN** keys to toggle the backlight ON or OFF. (Checkweighing requires bl-ON)
4. Press **SET** to confirm.
5. If backlight is set to ON, the scale will display "Lo".
6. Press the **SET** key. The display will show the current "Lo" or low value (default: 100.0g).
7. Use the **UP/DOWN** keys to change the low value.
8. Press **SET** to confirm. The display will show "HI".
9. Press the **SET** key. The display will show the current "HI" or high value (default: 1000g).
10. Use the **UP/DOWN** keys to change the high value.
11. Press the **SET** key to confirm. The scale is now ready for checkweighing.

## Accuracy

Your scale comes calibrated from the factory and most users won't need to calibrate their scale for a long time. You should check your scale's accuracy periodically using calibration weights and perform calibration if necessary.



**NOTE:** Only use trusted calibration weights. Household items such as bottles and cans with weights printed on the side are not suitable for checking accuracy as these values are approximate and don't include the container weight (Net Weight).

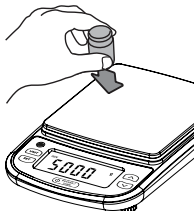
## Calibration



**Calibration adjustment is permanent and should only be performed using accurate calibration weights that match the requirements for your scale (see the chart on back). Do not use coins or other household items to calibrate.**

1. Prepare the required weight for your scale. (5000g)
2. Find a flat and level surface to perform calibration and let the scale adjust to room temperature.
3. Press **POWER/TARE** to turn the scale on and wait for the scale to stabilize.
4. Press and hold the **SET** key until the display shows 'CAL'.
5. Make sure nothing is on the platform then press **SET** to confirm the zero point.
6. The display will then flash the required calibration weight. (5000g)
7. Place the required calibration weight on the center

- of the platform.
- The display will show 'PASS' then return to normal weighing mode.



## Auto-Off Timer

The default Auto-Off setting will turn the scale off after 5 minutes of inactivity. To adjust the Auto-Off Timer:

- Press the **SET** key. The display will show "bl".
- Press the **UP** key. The display will show "APo".
- Press the **SET** key. The display will show "APo-0".
- Use the **UP/DOWN** keys to select between 0/5/10/20/30/40/50/60/90 minutes.  
(0=Auto Off disabled).
- Press the **SET** key to confirm your selection and return to normal weighing mode.
- If there is no input for 60 seconds, the scale will return to normal weighing mode automatically.

## Specifications

### WA-5000-1-BK

<b>Max Capacity</b>	<b>Range 1 (0-1000g):</b> 1000g / 1000ml / 2lb:3.27oz / 33.814 fl.oz
	<b>Range 2 (1000.5-3000g):</b> 3000g / 3000ml / 6lb:9.82oz / 101.44 fl.oz
	<b>Range 3 (3001-5000g):</b> 5000g / 5000ml / 11lb:0.4oz / 169.07fl.oz
<b>Readability</b> (Auto-ranging)	<b>Range 1 (0-1000g):</b> 0.1g / 0.1ml / 0lb:0.01oz/ 0.005 fl.oz
	<b>Range 2 (1000.5-3000g):</b> 0.5g / 0.5ml / 0lb:0.1oz / 0.02 fl.oz
	<b>Range 3 (3001-5000g):</b> 1g / 1ml / 0lb:0.1oz/ 0.05 fl.oz
<b>Weighing Units</b>	g, ml*, lb:oz, fl.oz* *(milk or water volume)
<b>Dimensions</b>	Overall: 8.0 x 5.5 x 1.8 in Platform: 4.7 x 5.0 in Display: 1.1 x 2.9 in
<b>Calibration Weight</b>	5000g (sold separate)
<b>Power</b>	2 x AA Batteries (included)
<b>Warranty</b>	3 Year Limited Warranty

For more information, including weighing tips and support, scan this code with your smartphone

Or visit us online at [truweigh.com/support/](https://truweigh.com/support/)

