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ONBALANCE™
SS-100 Balance Square Scale

ONBALANCE SS-100 Balance Square Scale User Guide

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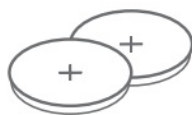
ONBALANCE SS-100 Balance Square Scale

Thanks for purchasing the SQUARE Digital Mini 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 **http://www.obscales.com/support** or scan the QR Code on the back of this manual using your smartphone.
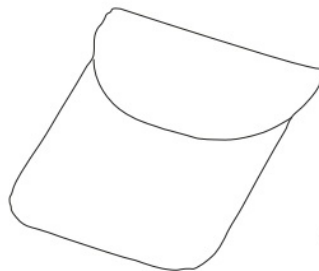
What's In The Box

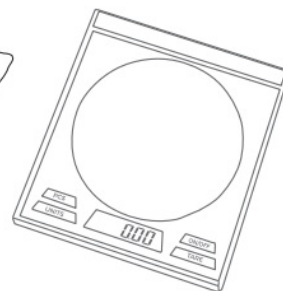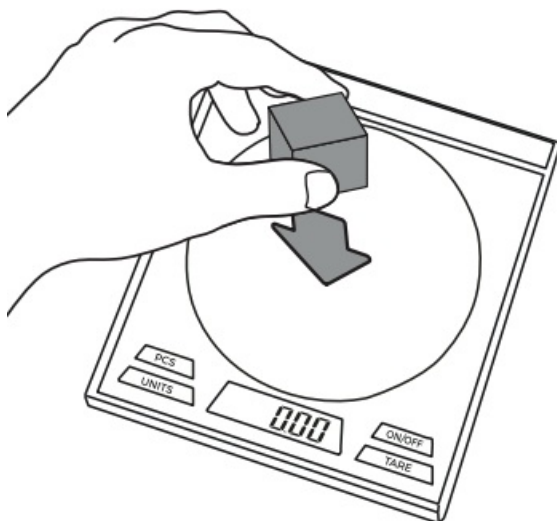| User Guide | Two CR2032 Batteries | Carrying Pouch | SQUARE Digital Mini Scale with detachable lid |

Key Descriptions

- **ON/OFF** – Turns the scale ON or OFF.
- **UNIT** – Changes the weighing unit.
- **PCS** – Enters counting mode. Hold to set sample quantity for average piece weight calculation.
- **TARE** – Zeroes the scale. Also subtracts the weight of an empty container (see Tare Function).

Weighing Your First Item

1. Press the ON/OFF key to turn the scale on.
2. Place the item on the centre of the weighing platform.
3. Take your reading from the display. You can press the UNIT key to convert between weighing units.
4. The scale's auto-off function will turn the scale off after 3 minutes of inactivity or you can press the ON/OFF key to turn the scale off.

Counting Function

1. Place a sample quantity of 25, 50, 75 or 100 pcs of the item you want to count on the platform.
2. Press and hold the PCS key to enter counting setup.
3. Tap the UNIT key to select your sample quantity.
4. Press the PCS key to confirm the sample qty and set the average piece weight (APW) in memory.
5. You may now place any quantity on the scale and view the piece count ('pcs' will show on the display).

Things To Avoid

Unlevel Surfaces   **Radio Frequency Interference**   **High Humidity**
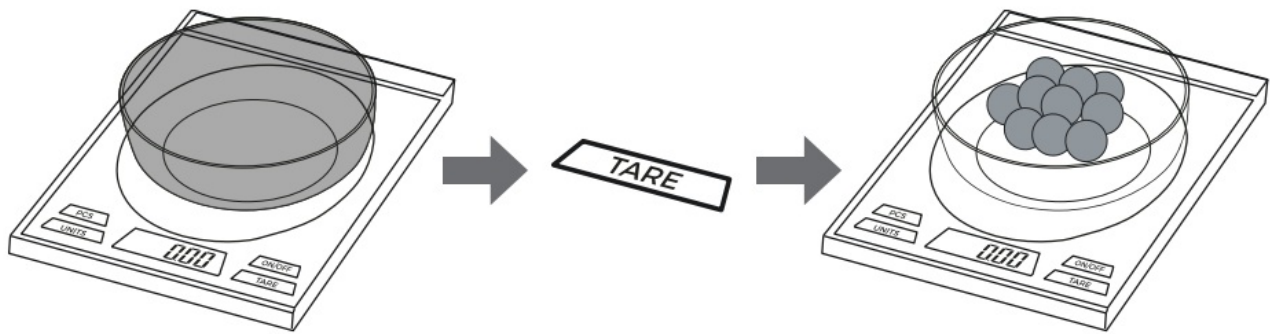
Air Currents   **Vibration**   **Extreme Temps**

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 **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 LLI the available capacity and will leave a negative value on the display once the weight is removed. Press TARE again to return the display to zero.
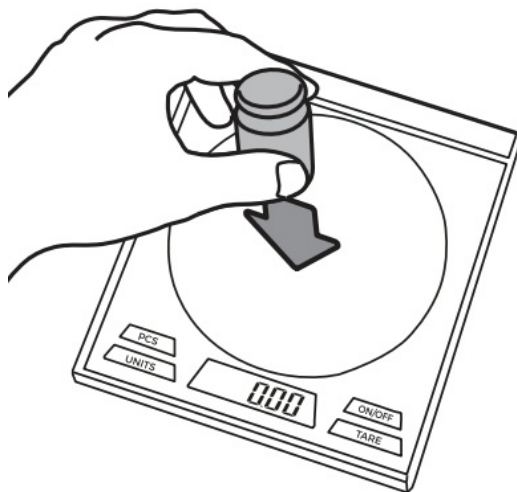
Accuracy

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 ID 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 (see chart on back).
2. Find a flat and level surface to perform calibration and let the scale adjust to room temperature.
3. Press ON/OFF to turn the scale on and wait for the scale to stabilise.
4. Press and hold the UNIT key until the display shows 'CAL'.
5. Make sure nothing is on the platform then press UNIT to confirm the zero point.
6. The display will then flash the required calibration weight.
7. Place the required calibration weight on the centre of the platform.
8. The display will show 'PASS' then return to normal weighing mode. You may now turn the scale off or continue weighing.

Specifications

	SS- 100	SS-500
Max Capacity	100.00 g / 3.527 oz / 1543.2 gn / 500.00 ct	500.0 g / 17.64 oz / 321.5 dwt / 16.08 ozt
Readability	0.01 g / 0.001oz / 0.2 gn / 0.05 ct	0.1 g / 0.01 oz / 0.1 dwt / 0.01 ozt
Weighing Units	g, oz, gn, ct	g, oz, dwt, ozt
Dimensions	Overall: 143 mm x 126 mm x 13 mm Platform: 101 mm Diameter Display: 43 mm x 11 mm	
Calibration Weight	100g (Sold Separately)	500g (Sold Separately)
Power	2 x CR2032 Batteries (Included)	
Warranty	10 Year Limited Warranty	

For more information, including weighing tips and support, scan this code with your smartphone
Or visit us online at **www.obscales.com/support/**

Documents / Resources

ONBALANCE SS-100 Balance Square Scale [pdf] User Guide
SS-100 Balance Square Scale, SS-100, Balance Square Scale, Square Scale, Scale

References

- **User Manual**