ON BALANCE™

Thanks for purchasing the SLATE 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.
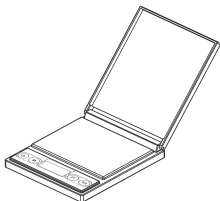
What's In The Box

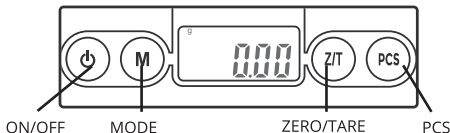SLATE Digital Mini Scale

User Guide

One CR2032 Battery

Key Descriptions

ON/OFF - Turns the scale ON or OFF.
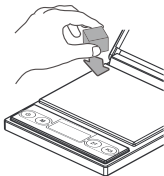
MODE - Changes the weighing unit.

TARE - Zeroes the scale. Also subtracts the weight of an empty container (see Tare Function).

PCS - Enters Counting Mode (see Counting Function).

ON/OFF   MODE   ZERO/TARE   PCS

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 **MODE** 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.
1. Press and hold the **PCS** key to enter counting setup.
2. Tap the **MODE** key to select your sample quantity.
3. Press the **PCS** key to confirm the sample qty and set the average piece weight (APW) in memory.
4. 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
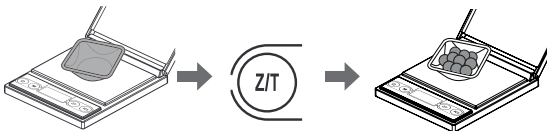
High Humidity

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 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.

Auto-Off

By default, the scale will auto-off after 180 seconds of inactivity. To change or disable the auto-off timer:
1. Press **ON/OFF** to turn the scale off.
2. Press and hold the **MODE** key, at the same time press **ON/OFF** key 4-5 times quickly.
3. LCD shows 180. Press **MODE** key to switch from 0 sec (auto-off disabled) - 60 sec - 120 sec - 180 sec.
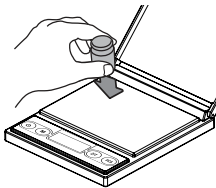4. Press **ON/OFF** to turn the scale off.

Accuracy

Your scale comes calibrated from the factory and most users wont 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.

Calibration

⚠️ **Calibration is permanent and should only be performed using accurate calibration weights that match the requirements for your scale. 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 **MODE** key until the display shows 'CAL'.
5. Make sure nothing is on the platform then press **MODE** 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

	SL-100
Max Capacity	100.00 g / 3.527 oz / 3.215 ozt / 64.30 dwt / 500.00 ct / 1543.2 gn
Readability	0.01 g / 0.001 oz / 0.001 ozt / 0.01 dwt / 0.05 ct / 0.2 gn
Weighing Units	g, oz, ozt, dwt, ct, gn
Dimensions	Overall: 84 mm x 75 mm x 15 mm Platform: 48 mm x 69 mm Display: 23 mm x 10 mm
Calibration Weight	100g
Power	1 x CR2032 Batteries
Warranty	10 Year Limited Warranty

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

Or visit us online at obscales.com/support/