



# ON BALANCE™



# CTP SERIES

# USER GUIDE

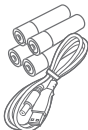
Thanks for purchasing the CTP SERIES Digital Mini Scale! This User Guide is designed to get you up and running quickly with your scale. Scales are precision instruments and require proper care and skill to get the best results. If you have questions or need support, visit us at <http://www.obscal.es.com/support> or scan the QR Code on the back of this manual using your smartphone.

## What's In The Box

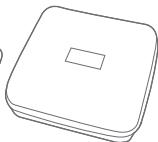
User Guide



Four AAA Batteries & USB Cable



Zippered Hard Case



Pro Tweezers, Weights & Pan



CTP SERIES Digital Mini Scale



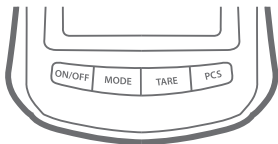
## Key Descriptions

**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. Hold to set sample quantity for average piece weight calculation.



## 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.



➔ **TARE** ➔



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.

## 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.



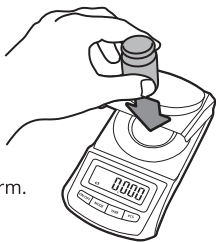
**NOTE:** Only use trusted calibration weights. Household items such as bottles and cans with weights printed on the side are not suitable for checking accuracy as these values are approximate and don't include the container weight (Net Weight).

## 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 included calibration weights - 1 x 20g, 1 x 50g.
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 20g.
7. Place the 20g calibration weight on the centre of the platform.
8. The display will then flash 50g.
9. Remove the 20g weight then place the 50g calibration weight on the centre of the platform.
10. The display will show 'PASS' then return to normal weighing mode. You may now turn the scale off or continue weighing.



## Specifications

### CTP-250

**Max Capacity**

50.000 g / 1.7637 oz / 1.6075 ozt /  
32.151 dwt / 250.000 ct / 771.62 gn

**Readability**

0.001 g / 0.0001 oz / 0.0001 ozt /  
0.001 dwt / 0.005 ct / 0.01 gn

**Weighing  
Units**

g, oz, ozt, dwt, ct, gn

**Dimensions**

Overall: 141 mm x 75 mm x 36 mm  
Platform: 65 mm Diameter  
Display: 44 mm x 15 mm

**Calibration  
Weight**

20g & 50g (Included)

**Power**

4 x AAA Batteries or USB Cable (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/](http://www.obscales.com/support/)**

