

not show “0.0”, press the “TARE” key to restore it to “0.0”.

### Auto-Off

1. This scale features an auto-off function. If no activity takes place on the scale for 30 seconds, the scale will turn off automatically.
2. To manually shut off the scale, press the “ON/OFF” button.

### Calibration Instructions

This scale has been calibrated at the factory. However shock caused by extreme changes in temperature, humidity, and elevation can cause the scale to lose calibration. To check the scales accuracy, place a standard 500g calibration weight on the scale. The scale has an accuracy of +/- 0.1g, therefore the display should read 500g (or at least 499.9 or 500.1). If it does not, recalibrate the scale as follows:

1. With the scale off, first press and hold the “MODE” key. With the “MODE” key still depressed, tap the “ON/OFF” button. The display will show a model number then “E-500”.

2. Place a 500g calibration weight (not included) on the center of the platform

3. The display will show “500.0g” then automatically turn off.

4. Calibration is complete! You may now remove the calibration weight.

Note: If the standard calibration weight is not used, the calibration may not finish automatically or the recalibration may not be accurate.

Ask your scale supplier for calibration weight availability.

### Technical Specifications

Capacity	500g / 17.64oz / 16.08 ozt / 321.5dwt
Resolution	0.1g / 0.01oz / 0.01ozt / 0.1dwt
Accuracy	+/- 0.1g
Power	two CR2032 Batteries

### Troubleshooting

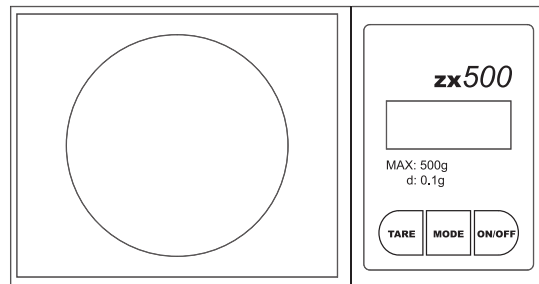
“H”:  
“-E” or no display      Overload  
Replace batteries



AMERICAN WEIGH  
SCALES INC.

# zx500

DIGITAL POCKET SCALE



Thank you for purchasing the ZX500 Digital Pocket Scale from American Weigh Scales. Please read all operating instructions carefully before use.

### **IMPORTANT**

1. Operate scale on a hard flat surface free from any vibration.
2. Strong electrical currents and magnetic fields can interfere with weighing. Keep mobile phones and other radio devices at least 10 feet away during use.
3. Avoid extreme changes in temperature.
4. Do not dismantle the scale as this will void your warranty.
5. Clean scale using a mild detergent.
6. This scale is for personal use only; it is not legal for trade.

### **Battery**

Uses two 3 volt **CR2032** lithium button cell batteries. To install batteries, remove the battery cover and insert two CR2032 batteries. Replace the battery cover and scale is ready to operate.

### **• DO NOT USE EXCESSIVE FORCE**

when removing or replacing the battery cover.

- Remove the batteries if the scale is to be stored for over a month.

### **Function Keys**

“ON/OFF”: Press this button to turn on or off the scale.

“MODE”: Press this button to change weighing modes; also used in calibration (see Calibration)

“TARE”: Press this button to subtract the weight of a vessel or container (returns the scale to zero)

### **Weighing**

1. It is suggested that you warm the scale up before use by turning it on for 20 seconds and then turning it off again. Turn the scale on once more to use.
2. After the display flashes for 2 or 3 seconds, it will show “0.0” and the scale is ready for use.
3. To change weighing units, press the “MODE” key. The units will cycle through as follows: g - oz - dwt - ozt (Gram - Ounce - Pennyweight - Troy ounce)
4. Do not place objects exceeding the

capacity of the scale on the weighing platform or the scale will read “H”. Damage caused by overload is not covered by the warranty.

5. Items being weighed should not be left on the platform for longer than 5 seconds or else the accuracy of the next item to be weighed is affected.

### **Tare**

Tare weighing allows you to subtract the weight of a container to obtain the weight of its contents only (net weight)

1. After turning on the scale and waiting for the display to show “0.0”, place a tray or container on the weighing platform. Press the “TARE” button to return the scale to zero. You can also achieve the same results by placing a tray or container on the platform with the scale off, then turn the scale on. It will read zero automatically.
2. If you then remove the container, the display will show the containers weight as a negative value. Press “TARE” again to return the scale to zero.
3. After turning on the scale or during the course of weighing, if the display does