



***The Precious Metal Verifier is a scientific instrument. This Quick Start Guide is intended as a basic outline for using the Precious Metal Verifier. In order to receive proper readings from your unit please also review the detailed user instructions guide carefully. There are important special conditions to consider when using the unit and they are outlined in the detailed user guide.***

## **QUICK START INSTRUCTIONS**

1. Clear all samples from unit. Do not place samples on the unit until metal and alloy have been selected and display reads "Ready: Place Sample".
2. Turn on unit. Display will read "Remove Sample push Run/Cal Start". If using a wand connect it now.
3. Press the Run/Cal Button. Press the Run/Cal button whenever a change in metal or sensor is made.
4. Select metal using up down arrow keys. (i.e. gold, silver, etc)
5. Select alloy using left right arrow keys. (i.e. sterling, pure gold, etc)
6. Once your metal and alloy is selected press Run/Cal. The display will read "Ready: Place Sample".
7. Place sample on sensor. Sample must cover the round target or beyond. *Important: the correct sensor must be paired with the appropriate sample size.*
8. Display will show results.
9. When ready to test a sample of a different metal begin at #4 above.

## **RESULTS INTERPRETATION**

Box between brackets: metal in range.



Box slightly outside brackets: further checking recommended. The further outside the brackets the box is the more likely the sample is not the selected metal.



Arrow appears to left or right of bracket: chances are extremely slim the sample is made from the metal selected



## UNEXPECTED MEASUREMENTS

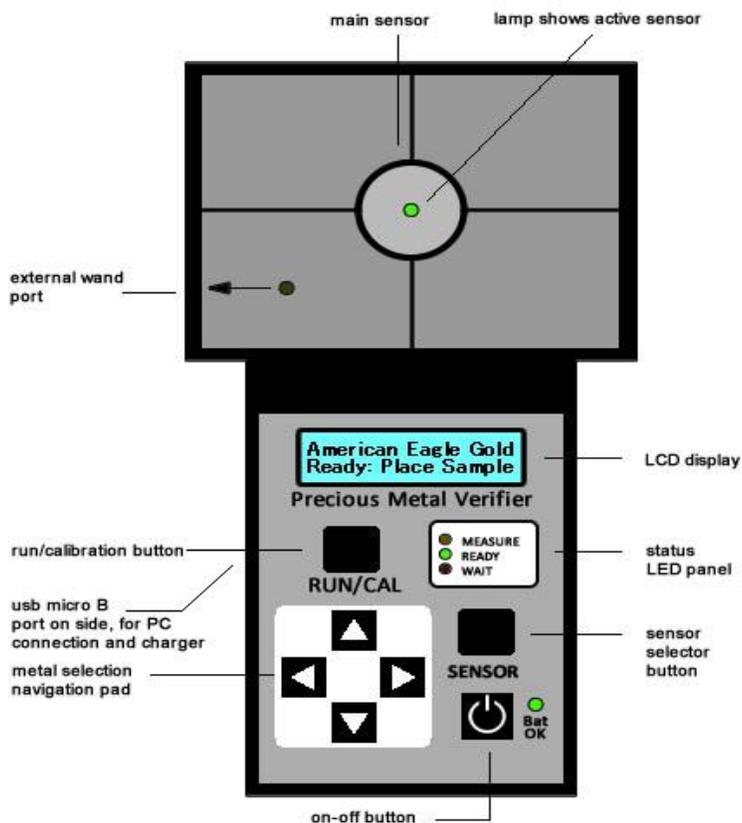
1. **Read the detailed user guide** for conditions that affect readings and accuracy.
2. Check both sides and different places on sample.
3. Press Run/Cal to recalibrate the instrument.
4. Check if sample is particularly cold or hot.
5. Check a known good sample of the same metal type and alloy.
6. Try a different sensor or for wands unplug and re-plug, then recalibrate.

## SENSOR SELECTION CRITERIA

**Main Sensor:** reads samples 2mm in thickness or greater and 25mm or greater as long as it is not in a case. Cased samples must be at least 30mm diameter.

**Large Wand:** is used for samples 1mm in thickness or greater with a diameter of 19mm or larger as long as it is not in a case. Cased samples must be at least 25mm

**Small Wand:** is used for samples down to 1mm thickness or with a diameter down to 8mm.



Sigma Metalytics and the Precious Metal Verifier make no claim, guarantee or promise that measurements made by the Precious Metal Verifier indicates any sample is or is not the selected metal or alloy, whether the reading is within or is not within the bounds consistent with the selected metal or alloy. READ THE INSTRUCTIONS AND SPECIAL CONDITIONS which can move the reading from outside to within the expected bounds or from within to outside the expected bounds. The readings from the Precious Metal Verifier are INFORMATIONAL ONLY and any judgment about or action taken on any sample is entirely the responsibility of the user.