

MIZAR Gold Tester Instructions

- Determines karat value or if not real gold
 - Determines value in 2-15 seconds
 - Can test yellow, white, red and green gold
 - Non-destructive testing
1. Sharpen the 'eraser pencil' and cut off the end with a sharp knife or blade so it has a flat end surface.
 2. Place the tip inside the test well and firmly rotate back and forth for about 4 seconds. Brush away any debris for the well. Every time this is done, make sure the eraser tip is clean.
 3. Thoroughly clean the test gold piece with the eraser.
 4. Attach the Alligator clip to the test gold. Do not put in test well at this point.
 5. Loosen the cap of the test solution and have paper towel and q-tips nearby.
 6. On the machine, press 'test yellow gold' or 'test white gold' depending on what gold you are testing.
 7. Within 2 seconds of pressing the button, put 3 or more drops of the test solution in the test well.
 8. Squeeze air out of the test solution bottle and fasten the cap. Removing the air will ensure it will last and won't go bad.
 9. One of the karat lights will come on – this could be any light and is determined by the previous test that was undertaken. Once the light goes out, carefully immerse part of the test gold into the liquid within the test well. Make sure the gold does **not** touch the bottom of the test well, and that the alligator clip does **not** touch the solution. It must stay dry.
 10. Hold the test gold slightly submerged in the liquid for 2-15 seconds steadily/without moving. This length of time will depend on the gold karat.
 11. The 'testing' light will light up, and when it goes out, remove the test gold.
 12. Read the LED display of the karat value.

After test:

- Clean the test gold thoroughly with paper towel.
- Clean out the test well with paper towel and a q-tip.
- If re-testing is required, repeat cleaning steps that use the 'eraser pencil' and 'eraser.'
- Check to ensure there is no excess air in the test solution bottle.
- Refer to product manual for more information on testing 'non gold' items, as the procedure differs slightly.

Tips:

- Most red colour gold can be determined using the 'white gold' selection. Most green gold can be determined using the 'yellow gold' selection.
- Platinum is indicated when the test item reads 22k or higher. That is because 18kt white gold is virtually nonexistent.
- When the 'low battery' indicator flashes it is important to replace the battery before next use.