

ION TEST DIRECTIONS

Testing for ions is different than the typical yellow OTO test for chlorine and most other water chemistry tests. Most tests require looking through the side of the test tube. This is where the ion test is different! Looking through the side of the test tube is the biggest cause of inaccurate readings. Be sure to look down through the top of the test tube with the cap removed.

Store your test kit indoors in a cool dark place (not in pump house). We recommend replacing your reagents yearly for accurate results. Discard test tube contents immediately after testing (not in pool).

INSTRUCTIONS FOR THE ION TEST

1. Rinse the sample cell with the water to be tested and fill to the 10 ml mark. The bottom of the meniscus should rest on the 10 ml mark.
2. Add 5 drops of the **Ion Test Reagent A** to tube. Cap and invert to mix. Remove the cap and add 5 drops of **Ion Test Reagent B**. Cap and invert to mix.
3. Insert test tube into holder. **Wait 3 minutes** for color development.
4. Remove cap and place the test tube bottom flat on the color chart center. Match the color by looking down into the tube (not through the side).
5. Do this test in indirect light not bright sunlight for accuracy.
6. After testing, immediately dispose of the test tube contents (not in the pool).
7. Rinse the test tube and cap. Store indoors in a cool dark place.

**0.7 - 1.0 ppm
or higher**

Overionized. Cut off ionizer. Add fresh makeup water to dilute ions to 0.3 ppm level. Then run ionizer at a lower power setting and/or less hours per day. Most pools are run on the minimum or level 2 position.

0.5 ppm

Cut off ionizer until ions are 0.3 ppm.

0.3 ppm

Optimum level. 0.3 - 0.4 ppm recommended range.

0.1 ppm

Not enough ions! Maintain a 1 - 2 ppm chlorine residual until ions are 0.3 ppm!