

INSTRUCTIONS FOR 5-WAY TEST KIT

Take water samples from depth of 12 inches to 18 inches

CHLORINE TEST

1. Fill small test vial to line.
2. Add 5 drops Solution 1.
3. Place cap on vial and invert several times to mix.
4. **Free Chlorine Reading:** Within 2-3 seconds, compare color with chlorine standards on left to determine the free chlorine ppm level.

Combined Chlorine Reading: Wait 1 to 2 minutes and compare again to determine the combined chlorine ppm level. A large difference between the two readings (more than 0.2 ppm) indicates a need for superchlorination.

BROMINE TEST

1. Rinse test vial marked Bromine (BR) and fill to line with spa or pool water.
2. Add 5 drops of #1 Solution.
3. Place cap on vial and invert several times to mix.

4. Match color in vial with bromine standards on the right within 30 seconds (make sure the BR marked side of the test block is being read). The results are read in parts per million (ppm). A desirable reading is 4.4 ppm. However, additional bromine may be needed to maintain proper level.

pH TEST

1. Fill large test vial to top (solid) line.
2. Add 1 drop Solution 4 and swirl to mix.
3. Add 5 drops Solution 2. Place cap on vial and swirl to mix.
4. Compare color with pH standards on right.
5. A desirable pH reading is 7.2 to 7.6. If reading is 7.8 or above, acid is required. Perform Test 3 for ACID DEMAND using this same water sample.

ACID DEMAND TEST

1. Use sample water from pH test.
2. Counting each drop, add Solution 3 (swirling between drops) until color matches approximately 7.4.
3. Check with acid demand table for amount of acid to be added to pool.

TOTAL ALKALINITY

1. Fill large tube to lower (dash) line.
2. Add 1 drop Solution 4 and swirl to mix.
3. Add 2 drops Solution 5 and swirl to mix.
4. Add Solution 3, counting each drop (swirling between drops), until color makes a permanent color change.
5. Multiply drops of Solution 3 used by 10.

See Test Kit Pamphlet for more detailed information