DIRECT READING TITRATOR INSTRUCTIONS
CODE 35050-1

INSTRUCTIONS

1. Fill the titration tube to the line with the water sample.
2. Add the reagents as specified in the instructions for the individual test method. Cap the tube with the special titration tube cap. Mix by swirling gently.
3. Depress the plunger of the Titrator to expel air.
4. Insert the Titrator into the plastic fitting of the titrating solution bottle.
5. To fill the Titrator invert the bottle and slowly withdraw the plunger until the bottom of the plunger is opposite the zero mark on the scale.
   NOTE: When filling the titrator from a container not fitted with a special plug, submerge the tip of the titrator below the surface of the solution and withdraw the plunger.
6. Turn the bottle right-side-up and remove the Titrator.
7. Insert the tip of the Titrator into the opening of the titrator tube cap. Slowly depress the plunger to dispense the titrating solution. Gently swirl tube to mix. A slight rotating or twisting motion may permit the plunger to move more smoothly.
8. Continue adding the titrating solution until the specified color change occurs. If no color change occurs by the time the plunger tip reaches the bottom of the scale, refill the Titrator to the zero mark. Continue the titration. Include both titration amounts in the final test result.
9. Read the test result directly from the scale opposite the bottom of the plunger tip.
   NOTE: The Titrator illustrated is an EXAMPLE ONLY. Refer to individual kit instructions for actual graduation range and increments.
10. If no additional tests are to be made, discard the titrating solution in the Titrator. Thoroughly rinse the Titrator and the titration tube.
   NOTE: For extended life, the plunger tip should periodically be coated with silicon grease and stored apart from the barrel.

NOTE: A small air bubble may appear in the Titrator barrel. Expel the bubble by partially filling the barrel and pumping the titration solution back into the inverted reagent container. Repeat this pumping action until the bubble disappears.
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