

Dissolved Oxygen

Code : XL-109L

Range : 0.3 – 6 ppm as O₂**AQUA-XL**

Water Analysing Kits

Directions for use :

PART I – D.O. Fixing

1. Rinse the D.O. glass bottle 2 / 3 times with sample water. Fill it till it overflows with the sample water and then stopper the bottle and ensure that no air bubbles are trapped inside.
2. Now open the stopper and add 10 drops of DO-1 and 10 drops of DO-2 . Firmly stopper the bottle and mix by inverting the bottle at least about 10 times. A brown precipitate will be formed and will start settling. Keep the bottle in safe place for minimum of 15 minutes. (Instead of brown precipitate if a white precipitate is formed, the sample is considered to be devoid of oxygen).
3. Now open the stopper and add 12-15 drops of DO-3. Replace the stopper and shake the bottle till the precipitate dissolves. Add more drops if required to dissolve the precipitate. Now this sample is used for TESTING.

*p.t.o.***Dissolved Oxygen**

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Water Analysing Kits

Directions for use :

PART II– D.O. Determination

4. Take 10 ml of a sample (from STEP 3 Of D.O. fixing) in the Test jar.
5. Add 4 drops of DO-4. Mix well.
6. Now add DO-5L drop wise, counting the number of drops while mixing until the BLUE colour disappears.

Calculations :Dissolved Oxygen as ppm O₂

= 0.3 x Number of drops of DO-5L.

Dissolved Oxygen
Code : XL-109
Range : 0.65 –13 ppm as O₂

AQUA-XL
Water Analysing Kits

Directions for use :

PART I – D.O. Fixing

1. Rinse the D.O. glass bottle 2 / 3 times with sample water. Fill it till it overflows with the sample water and then stopper the bottle and ensure that no air bubbles are trapped inside.
2. Now open the stopper and add 10 drops of Reagent DO-1 and 10 drops of Reagent DO-2 . Firmly stopper the bottle and mix by inverting the bottle at least about 10 times. A brown precipitate will be formed and will start settling. Keep the bottle in safe place for minimum of 15 minutes. (Instead of brown precipitate if a white precipitate is formed, the sample is considered to be devoid of oxygen).
3. Now open the stopper and add 15-20 drops of Reagent DO-3. Replace the stopper and shake the bottle till the precipitate dissolves. Add more drops if required to dissolve the precipitate. Now this sample is used for TESTING.

p.t.o.

Dissolved Oxygen
Code : XL-109
Range : 0.65 –13 ppm as O₂

AQUA-XL
Water Analysing Kits

Directions for use :

PART II – D.O. Determination

4. Take 10 ml of a sample (from STEP 3 Of D.O. fixing) in the Test jar.
5. Add 4 drops of Reagent DO-4. Mix well.
6. Now add Reagent DO-5 drop wise, counting the number of drops while mixing until the **BLUE colour** disappears.

Calculations :

Dissolved Oxygen as ppm O₂ = 0.65 x Number of drops of Reagent DO-5.