

Carbon Dioxide  
2-40 & 10-200 ppm

AE403

Direction for use:-

1. Take 10 ml of water sample to be tested in the jar.
2. Add 5 drops of CO<sub>2</sub> Reagent A mix well to dissolve.
3. If a pink colour appears it indicates free CO<sub>2</sub> is absent.
4. If the sample remains colourless drop wise\* add CO<sub>2</sub> Reagent B#, Counting the number of drops while gently swirling, until the definite pink colour persist for 30 seconds, when view through the depth of sample.

# IF the CO<sub>2</sub> is more than 40 ppm then use CO<sub>2</sub> Reagent C Instead of CO<sub>2</sub> Reagent B.

Calculations :-

Free Carbon dioxide ppm as CO<sub>2</sub> = 2 x (No. of drops of CO<sub>2</sub> Reagent B)  
= 10 x (No. of drops of CO<sub>2</sub> Reagent C)

Note: The reagent must be protected from atmosphere CO<sub>2</sub> by keeping bottle closed all the time. Close the cap immediately after use.