Dissolved Oxygen Test Kit

DO-HR (2515050)

DOC326.97.00059

Test preparation

CAUTION: ⚠ Review the Safety Data Sheets (MSDS/SDS) for the chemicals that are used. Use the recommended personal protective equipment.

- Analyze samples immediately after collection.
- Make sure to put the cap on the ampule before the ampule is removed from the sample. The cap prevents contamination from atmospheric oxygen.
- Put the color disc on the center pin in the color comparator box (numbers to the front).
- Use sunlight or a lamp as a light source to find the color match with the color comparator box.
- If the color match is between two segments, use the value that is in the middle of the two segments.
- If the color disc becomes wet internally, pull apart the flat plastic sides to open the color disc. Remove the thin inner disc. Dry all parts with a soft cloth. Assemble when fully dry.
- Undissolved reagent does not have an effect on test accuracy.

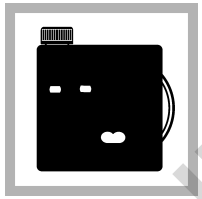
Replacement items

Description	Unit	Item no.
High Range Dissolved Oxygen AccuVac® Ampul	25/pkg	2515025
AccuVac® Ampul Snapper	each	2405200
Beaker, 100 mL, polypropylene	each	108042
Color comparator box, AccuVac®	each	173250
Color disc, dissolved oxygen, 0–15 mg/L	each	9266100
Sample cell, 10-mL round, 25 mm x 54 mm	each	2122800

Test procedure—Dissolved oxygen (0–15 mg/L O_2)



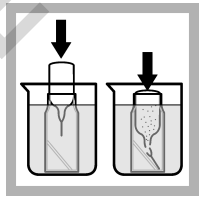
1. Fill a sample cell to the 10-mL line with the sample.



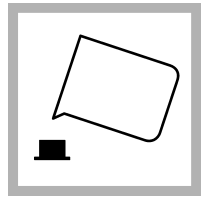
2. Put the sample cell into the left opening of the color comparator box.



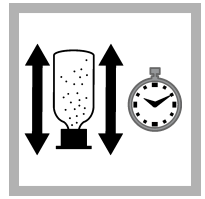
3. Collect 40 mL of sample in a beaker. Put the AccuVac Ampul Snapper in the beaker.



4. Invert one High Range Dissolved Oxygen AccuVac® Ampul. Put the ampule in the AccuVac Ampul Snapper. Push down to break and fill the ampule.



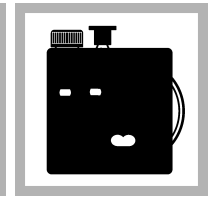
5. Fill an ampule cap with sample.



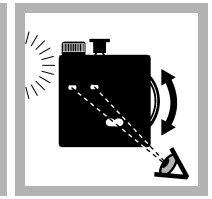
6. Keep the ampule inverted. Immediately put the cap on the tip of the ampule. Shake for 30 seconds.



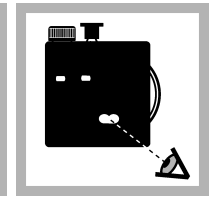
7. Wait 2 minutes. A purple color develops if dissolved oxygen is in the sample. Shake the ampule again.



8. Put the ampule into the color comparator box.



9. Hold the color comparator box in front of a light source. Turn the color disc to find the color match.



10. Read the result in mg/L in the scale window.

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