

BOD Track With BOD Test Bottle



The BOD tester is designed based on the differential pressure method, simulating the bio-degradation process of organic matter in nature. In the sealed culture bottle, the oxygen in the air above the culture bottle continuously supplements the dissolved oxygen consumed by the decomposition of organic matter in the sample. The CO₂ produced during organic degradation is removed, changing the air pressure in the culture flask. By monitoring the air pressure changes in the culture flask, the BOD value of the sample is calculated.

Advantages

- Tests six water samples simultaneously over a culture time of

1-30 days.

- Displays the current BOD value on the screen during the test.
- Allows viewing of the current test data at any time.
- Stores BOD5 results for 20 groups.

Specifications

- **Model:** BOD-806A
- **Measuring Range:** 0-2000 mg/L
- **Measurement Error:** Meets the water quality BOD5 precision test standard (Glucose-glutamic acid standard solution BOD5 = 180-230 mg/L)
- **Measurement Days:** 1-30 days
- **Measurement Quantity:** ? 6
- **Recording Interval:** 24 minutes ~ 12 hours/time
- **Storage Quantity:** 20 groups BOD5 result value
- **Culture Bottle Volume:** 580 ml
- **Incubation Temperature:** $20 \pm 1^{\circ}\text{C}$
- **Working Power:** AC power 110–220V, 50/60Hz
- **Rated Power:** 10W