

BOD Incubator



A BOD (Biological Oxygen Demand) Incubator is a specialized laboratory device used to maintain a controlled environment for growing and studying microorganisms, particularly for BOD testing in water quality analysis. It simulates natural conditions to measure the oxygen consumed by microorganisms in a sample.

Key Features:

1. Temperature Control:
 - Maintains low temperatures, typically 20°C or 27°C, for BOD testing.
 - Equipped with a thermostat or digital controller for precise regulation.
2. Applications:
 - Water quality testing to measure organic pollutant levels.
 - Culturing microorganisms in environmental and microbiological studies.
3. Design:

- Insulated chamber with stainless steel interiors for easy cleaning.
- Air circulation system for uniform temperature distribution.

4. Safety Features:

- Over-temperature protection.
- Alarms for temperature deviations.