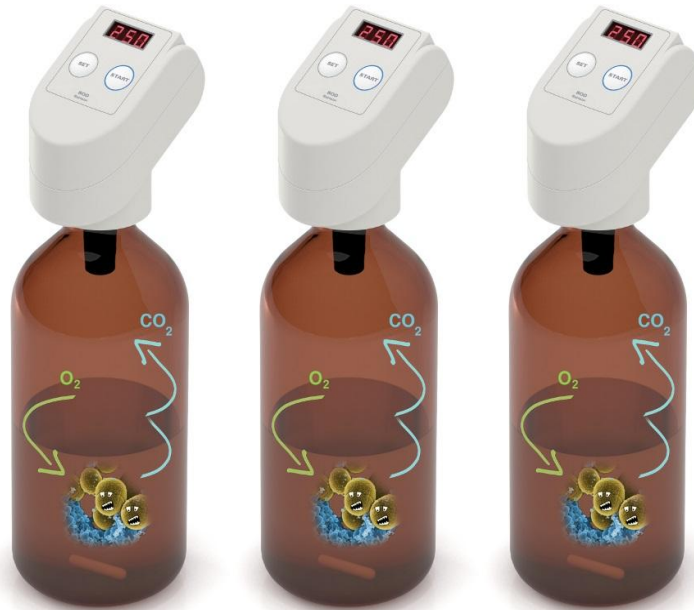


BIOCHEMICAL OXYGEN DEMAND ANALYZER

MODEL: TOP-BOD

TOPLAB INDIA'S BOD Analyzer Sensor is the **innovative, mercury-free** and **extremely reliable** solution for BOD analysis. The microprocessor-controlled pressure transducer transfers the Biochemical Oxygen Demand value **directly to the display**: results are displayed directly in mg/l with no need for further calculation and are stored automatically in the BOD Sensor.



The process is extremely easy, based on just few simple steps:

- Add a stirring bar, fill the bottle with the sample and insert CO₂ trap, filled with reagents
- Incubate the sample
- Screw the sensor cap on bottle
- Monitor the microorganism activity
- Read the BOD value (ppm or mg/l), based on the pressure change into the bottle because of microorganisms' activity

Precise Control:

- Measurement on scales of 90, 250, 600 and 999 ppm BOD
- Higher values can be measured by diluting the sample
- Models with stirring stations offer TOPLAB stirring quality

Extremely Practical:

- Fits directly on the bottle containing the sample
- Automatically stores 5 BOD values at 24-hour intervals
- Enables analysis to continue over the weekend
- Results directly readable **at any time**, even after five days
- **Direct readout in mg/l (ppm)**
- Compact stirring stations

BOD Analyzer

Priority to Safety:

- IP 54 protection against particle and liquid ingress
- Class 3 IEC 1010 conformity

Choice of Models:

- **BOD Sensor Set TOP-BOD1**, a ready-to-use solution for **individual BOD analysis only**
- BOD Sensor, a dark glass bottle, an alkali holder and a stirring bar.
- BOD Sensor Set is designed for use with the TOPLAB stirrer.
- **BOD Sensor System TOP-BOD3**, a complete package for 4 tests 3-position stirring station, 3 BOD Sensors, dark glass bottles, alkali holders & stirring bars.
- **BOD Sensor System TOP-BOD6**, a complete package for 6 tests 6-position stirring station, 6 BOD Sensors, dark glass bottles, alkali holders & stirring bars.
- Can choose **multiple (2/3/4/5/6- bottle) BOD Sensor** set as per customer requirement.

Technical Specification:

- **Display:** 3 digits LED
- **Reading value:** mg/l (ppm) directly on the display
- **Measurement :** by electronic pressure probe
- **Bottle total capacity:** 500 ml
- **Stored data:** 5 BOD values at 24h intervals
- **BOD values:** directly on the display at any time also after the standard 5 days period
- **BOD last determination:** possible
- **Measurement ranges:** 90, 250, 600, 999 ppm BOD. Higher values after dilution
- **Safety class:** 3 IEC 1010
- **Electronic protection Class:** IP 54
- **Construction material:** Technopolymer
- **Power supply:** BOD Sensor 2x3V lithium batteries
- **Dimensions (WxHxD):** BOD Sensor 55x71x73 mm (2.1x2.8x2.9 in)
- **Weight:** BOD Sensor 0,08 kg (0.2 lb)