



## BODTrak II Respirometric BOD Apparatus

Product #: 2952400

USD Price: Contact Hach

Ships within 3 days

 **Hazardous**

Items with this mark may be considered hazardous under some shipping conditions.

If necessary, we will change your selected shipping method to accommodate these items.

### Simplified BOD analysis.

Simplify BOD analysis with the BODTrak™II Respirometric BOD Apparatus. Results comparable to the dilution method can be achieved in only two to three days. Use these results for process control or as a complement to the dilution method (not approved by USEPA for NPDES reporting purposes). The BODTrak II is a re-engineered version of the original Hach BODTrak. Improvements to the old system include greaseless bottle seals, a larger graphical display, improved stirring and temperature control, a smaller footprint, improved procedures with expanded options, an auto-switching power supply, and bottle fences to prevent tipping of bottles.

### Decrease total test time

The Hach BODTrak II Apparatus is easy to set up and allows for quick sample preparation for BOD (Biochemical Oxygen Demand) analysis. Simply pour a measured sample of wastewater and nutrient buffer into each of six BODTrak II bottles. Connect the bottles to the instrument's pressure sensors, select a measurement range, and incubate. User calibration of the instrument is not necessary.

### Faster than Dilution Method

Constant stirring in the bottles supplies additional oxygen to the sample and provides bacteria with greater exposure to food. This results in more rapid respiration and consumption of oxygen.

### BOD results that are easy to monitor

The BODTrak II Apparatus has a large graphic display that continuously updates results. View the results at any time during the test. The instrument plots a curve of BOD over time. To review the data in detail, simply move a cursor along the curve to display results for any stored data point.

### Standalone operation

The apparatus automatically ends the test and stores the results after the chosen test length of five, seven, or ten days. This eliminates the need to be present when the test is complete.

### DO probes and titrations are eliminated

The BODTrak II Apparatus measures BOD using the respirometric method. Each sample bottle is connected to a pressure sensor in a closed system. As bacteria consume oxygen in the sample, the pressure in the bottle headspace drops. This pressure change correlates directly to BOD. By measuring pressure changes instead of dissolved oxygen levels, the need for probes and titrations is eliminated.

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## Specifications

Capacity:	Six 492 mL bottles
Depth:	(10.3 in.)
Drift:	< 3 mg/L BOD in 5 days
Footnote:	*The BODTrak II method is not approved by the USEPA for NPDES reporting purposes.
Input Voltage:	110 to 240 V, 50/60 Hz
Interface:	RS232
Output Voltage:	24V, UL CSA, and TUV approved
Range:	0 to 700 mg/L Selectable: 0 to 35, 0 to 70, 0 to 350, or 0 to 700 mg/L BOD (Biochemical Oxygen Demand)

Resolution: 1 mg/L BOD  
Weight: 8.82 lbs. (4 kg)

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## **What's in the box?**

BODTrak II Apparatus includes North American and continental European power cords, auto-switching power supply, six bottles, six magnetic stir bars, six seal cups, spatula scoop, BOD Nutrient Buffer Pillows, and potassium hydroxide pellets.