BOD Track With BOD Test Bottle

Brand **Master Science** | Unit **6 Pcs Set**



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.

KEY HIGHLIGHTS

- Measurement Error

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support@themsci.com
www.themsci.com

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Overview

By monitoring the air pressure changes in the culture flask, the BOD value of the sample is calculated.

Meets the water quality BOD5 precision test standard (Glucose-glutamic acid standard solution BOD5 = 180-230 mg/L)

Key Benefits

Tests six water samples simultaneously over a culture time of 1-30 days.

Displays the current BOD value on the screen during the test.

STORES BOD5 RESULTS FOR 20 GROUPS.

Measurement Error

Technical Specifications

PARAMETER	SPECIFICATION
Measuring Range	0-2000 mg/L
Measurement Days	1-30 days
Measurement Quantity	≤ 6
Recording Interval	24 minutes ~ 12 hours/time
Storage Quantity	20 groups BOD5 result value

PARAMETER	SPECIFICATION
Culture Bottle Volume580 ml	
Incubation Temperature20 ± 1°C	
Working PowerAC power 110–220V, 50/60Hz	
Rated Power10W	