



DIRECT B.O.D. MEASURING SYSTEM

(IMPORTED B.O.D. MEASURING SYSTEM)



User Friendly **Large Brilliant Graphic display**

Graphical representation of measured values

USB & SD Card interface

Maximum 6 SAMPLES At The Same Time Can Analyze.

Measuring Principle

Respirometric system for the determination of Biochemical Oxygen Demand (BOD). Save time, reduce the potential.

Direct sample selection **Accurate and direct display of BOD values in mg/l** , User-friendly handling , User-selectable measuring period from 1 to 28 days (BOD5) Storage of all values ,

Measuring Range

0-40, 0-80, 0-200, 0-400, 0-800, 0-2000, 0-4000 mg/l

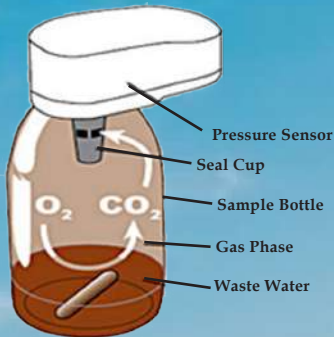
Measurement Time

User-selectable, between 1 and 28 days

Power Supply

100 - 240 V / 50-60 Hz

3 alkali-manganese batteries (Baby cells/ size C)



Sample volume related, Auto start function after temperature equalization.

Mercury-free, environmentally-friendly Inductive stirring system with automatic re-centering of stirring rods , Interface RS 232 Respirometric methods provide direct measurements of the oxygen consumed by **Microorganisms** from an air or oxygen enriched environment in a closed vessel under conditions of constant temperature and agitation. Carbon dioxide produced metabolically by the bacteria is chemically bound by the potassium hydroxide solution contained in the seal cup in the bottle. The result is a pressure drop in the system, which is directly proportional to the BOD value and is measured by the BOD sensor. The BOD level is then displayed directly in mg/l.



Applications: Waste Water, Determination of Biological Activity, Waste Water Treatment Plants, Analytical use in environmental science and research. ideal for municipal water/ wastewater treatment facilities.

Standard Supply :- Ready To use Main Instrument Unit with Glass bottles & batteries , complete with stirring unit, Incubator, Reagent KOH 50ML, Nitrification inhibitor 50 ML, Manual.

Reagent



50 ML KOH 45%



Nitrification inhibitor 50 ML

ISO - TECH SYSTEM

(An ISO 9001:2015 Company)

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