

About ISSR

It is a public institution (based in Sulaimani city-Iraq) affiliated to the Ministry of Higher Education of the Kurdistan Region of Iraq (KRI).

Vision

Becoming a reliable Centre of Excellence for strategic studies to address national and global challenges.

Mission

- 1- Delivering cutting-edge research and strategic studies to find knowledge-based solutions to local, national, and global challenges and needs.
- 2- Fostering interdisciplinary research to tackle complex problems and drive innovation.
- 3- Producing reliable data and knowledge that can inform decision-making and empower communities, especially marginalized and underserved communities.
- 4- Building extensive networks and research collaborations, locally and internationally.
- 5- Developing high-quality research capacity building and consultation.

Field and Application

Waste water treatment, Chemical industry, Food and Beverage industry, Marine industry, Municipalities, Oil and Gas, Pharmaceutical industry, Power and Energy industry.



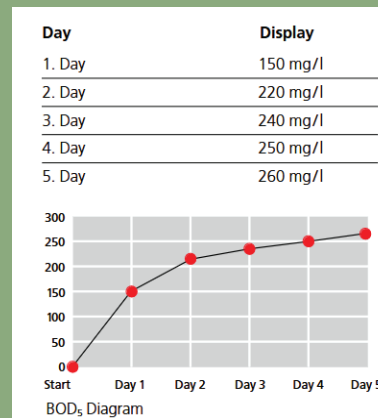
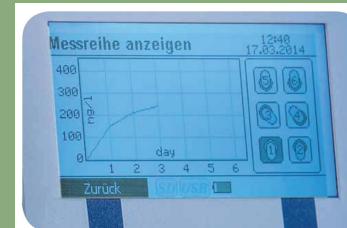
Biochemical Oxygen
Demand (BOD)
Measuring System BD
600

Description

The Lovibond® sensor system BD 600 is a 6 sample system that allows precise measurements of BOD based on a respirometric system for determining Biochemical Oxygen Demand (BOD). It's easy to begin collecting data—simply add a sample to the bottle, add nitrification inhibitor and place the sensor head on the bottle. Measurements are taken and stored automatically at regular intervals and can be retrieved at any time.

Explanation of Result

In addition to directly displaying the results of a sample in mg/L BOD, the BOD curve can also be shown on the large, integrated display, making it easy to recognize and understand measurement data points and trends. In addition, each sensor head has an integrated LED. This allows the operator to visually confirm which sample the data is being displayed for, avoiding potential confusion or errors when displaying sample data.



Result Explanation

Displaying graphical representation of measured values of a sample directly in mg/l BOD.

The display is able to show the BOD curve which makes it is easy to see and understand measurement data points.

Sample Type

Waste water samples

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