

BOD measurement

System Extensions and general Accessories

OxiTop® Measuring Heads and SETs for Retrofitting



In order to meet the growing demand and the extension of potential applications, OxiTop® and OxiTop®-C systems are also available as individual items in different combinations, such as:

- Individual measuring heads OxiTop®/OxiTop®-C
- A set of two OxiTop® heads (yellow and green).
- Upgrade sets for a further 6 positions with 6 heads each and flasks, sleeves and stirring bars, as well as the stirring platform.

Please refer to the brochure "Product Details" for a precise listing of all available components.



Stirrers for BOD measurement

Technical Data

	IS 6	IS 12	IS 6-Var
No. of stirring positions	6	12	6
Stirrer speed	Program-controlled 180 ... 450 min ⁻¹		
Ambient temperature	Storage: -13 °F ... 149 °F (-25 °C ... +65 °C) Operation: 41 °F ... 104 °F (+5 °C ... +40 °C)		
Dimensions (H x W x D in mm)	67 x 265 x 181	67 x 350 x 266	67 x 265 x 181

Stirrers IS 6 and IS 12 have been specially developed for BOD measurement with the OxiTop® system. Software-controlled speed regulation prevents the magnetic stirrer bar from getting caught or wobbling.

The speed is selected so that an optimal gas exchange with the sample takes place. The stirrer is maintenance-free and non-wearing as it contains no moving parts.

The IS 6-Var model has been specially developed for use with large measuring vessels and has space for 6 measuring vessels. Its outer dimensions are identical to those of the IS 12.



Stirrer IS 6 and IS 12

IS 6-Var

BOD measurement

General Accessories

BOD measurement

Testing Aids for the OxiTop® system for Quality Control

Two testing aids are available for monitoring measurement and checking system leakage, which can be called up during a corresponding time interval using the AQA function in the controller.

- **OxiTop® PM**

These calibration tablets simulate a complete BOD and perform quantitative monitoring of measurement (approx. 308 mg/l, batch-dependent) as well as checks for leakage over the entire period.

- **OxiTop® PT**

This testing aid performs a “quick” check for under-pressure and leakage. The OxiTop® contains the pressure table required for the individual place of installation. OxiTop®-C automatically includes these values.

Additional Accessories

- **Storage racks**

For safe storage of OxiTop® measuring systems and OxiTop®-C measuring heads, for 6 measuring heads each.



- **Marking rings**

For identification of BOD bottles for OxiTop® instruments.

- **Overflow measuring flasks in different standard sizes for OxiTop®**

Apart from the supplied 164 ml and 432 ml overflow measuring flasks contained in the standard scope of supply, the following sizes are also available: 22.7 ml, 43.5 ml, 97 ml, 250 ml, 365 ml.

Ordering Information for accessories and spare parts see brochure “Product Details”.

Parameter

pH

ORP

ISE

Oxygen (D.O.)

Conductivity

Multi-parameter

BOD/Respiration

Photometers

Turbidity

Colony Counter

Software/Printers

For more information, please contact us:

[ExpotechUSA](#)
[10700 Rockley Road](#)
[Houston, Texas 77099](#)
[USA](#)

[281-496-0900 \[voice\]](#)

[281-496-0400 \[fax\]](#)

E-mail: sales@expotechusa.com

Website: www.ExpotechUSA.com