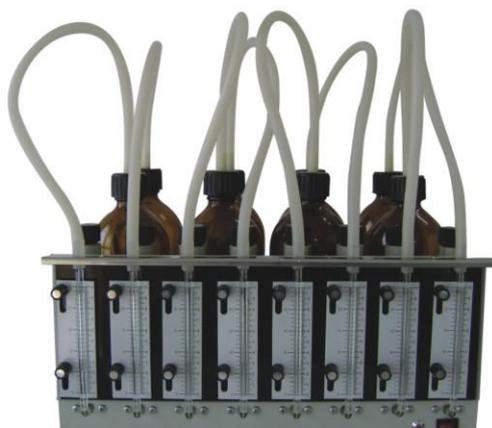


CY-5 Lab BOD5 Analyzer



Pour water sample into a culture bottle with sodium hydroxide in seal cup on bottle mouth, then seal the bottle and put in the incubator, keep the temperature at $20\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$ and Continuously stirring for 5 days. Organic matter in the sample will be converted to the oxides of nitrogen, carbon and sulfur because of the biological oxidation. During this process, the only gas (CO_2) overflow from the sample then is absorbed by sodium hydroxide. At the same time, oxygen consumption of microorganism results in air pressure difference. The BOD_5 value can be calculated through measuring the height of the mercury.

Specification:

1. Measuring Range: $0\text{mg/L} \sim 1000\text{mg/L}$ (dilute if BOD_5 value exceeds)
2. Accuracy: meet Chinese national standard “GB7488-87”
3. Display: read the value BOD_5 from dividing rule of pressure gauge (mg/L)
4. Sample Quantity: 8
5. Culture Temperature: $20^{\circ}\text{C} \pm 1^{\circ}\text{C}$
6. Main unit Dimensions: $400\text{mm} \times 270\text{mm} \times 350\text{mm}$
7. Power Consumption: $< 15\text{W}$

Packing slip:

1 BOD main unit, 10 culture bottles, 10 stirrers, 8 CO_2 absorption cups, 1 bottle of mercury, rubber conveyer belt (big and small each 3 strips), 2 airproof circles, 2 fuses, 1 Power AC-DC converter.