

## STIRRED TANK BIOREACTOR



**Brand :** Byosis

**Model :** Oxy-30

**Brief description :** Bioreactors are vessels that have been designed and produced to provide an effective environment for enzymes or whole cells to transform biochemicals into products.

**Sample requirement :** Min. media volume; 70% of total reactor volume; Inoculum volume: 10% of total final working volume; Acid & Base Concentration; min 250ml. Cultivation temp: 25°C - 37°C. Applied for plant, fungi, and bacterial cell cultivation. For High Density cultivation, please contact person-in-charge.

**Limitation :** Not apply to animal/ mammalian cells.

**Location :** Bioprocess & Enzyme Technology Lab, Level 4, Block J13, Institute of Biological Sciences

**Person-in-charge :**

Assistant Science Officer :

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**Service Charge details :**

ISB's User: RM20/day; + RM10/day (for O2 enrichment); + RM50 (assisted set up) per run

Collaborators: RM25/day + RM10/day (for O2 enrichment); + RM50 (assisted set up) per run

UM's User: RM30/day + RM10/day (for O2 enrichment); + RM50 (assisted set up) per run

Outside UM's User: RM300/day + RM10/day (for O2 enrichment); + RM50 (assisted set up) per run

**STATUS**