

Product Features

Ergonomic , rugged , proven tested design for efficiency, safety, durability & repeatability.

- MODULAR DESIGN with Maximum Versality
- Main Vessel: MOC GLASS (DRUN GLASS from Germany /Borosilicate) duly tested for bearing the Steam Sterilization Pressure (Autoclaveable).
- Jacket for Heating (Optional).
- All Ports , Components & the Top Openable Plate made from SS16 with electro-polished smooth pharma grade RA 0.5 micron finish.
- Capacity Available: 3 to 10 Litre.
- Parameters: PH, DO, Temperature, Stirring Speed, Light, Photo period for Photosynthetic Studies
- Stirring with Ruston Type Impeller through speed controlled magnetically coupled PM BLDC Motor (10 to 1000 rpm) with Baffle.
- Micro Filters for Inlet & Outlet Air
- Rotameter for Air Flow Regulation
- Peristaltic Pumps for Dosing [Fixed/ Variable Flow through Silicone Rubber Tubes]
- PLC/HMI based Automatic Operation
- SCADA SYSTEM for Data Acquisition, Transmission, Management Reports.



Bioreactor



LED Light system

Available Models/ Specifications

Model	Capacity	Working Volume Minimum	Working Volume Maximum	Parameters Standard	Parameters (Optional)
IS BR 03	4 Litre	1 Litre	3 Litre	PH, DO, °C, RPM, Foam	Light, SCADA
IS BR 06	6 Litre	3 Litre	5 Litre	-- Do --	-- Do --
IS BR 08	8 Litre	5 Litre	7 Litre	-- Do --	-- Do --
IS BR 10	10 Litre	7 Litre	9 Litre	-- Do --	-- Do --