

Quality Assured



ROLLER CULTURE APPARATUS



MAGNETIC STIRRER



PRESSURE VESSEL



CONCENTRATION SYSTEM



HYGIENE CARE EQUIPMENT

Corporate Office :

Flat No: 201, 4-92/2/A, 2nd Floor, Opposite GHMC office, Mee Seva Lane, Chandanagar, Pin - 500 050, Telangana State, INDIA.



ROLLER CULTURE APPARATUS

APPLICATION: CELL CULTURE & BACTERIAL CULTURE

- ◆ cGMP compatible
- ◆ Suitable to use with glass / plastic
- ◆ Bottle Dia: 110 to 121 mm
- ◆ Bottle length: 550mm
- ◆ Bottle capacity: From 3 bottles to 55 /as per customer requirement
- ◆ Programmable speed control
- ◆ Programmable Bottle Rotation system
- ◆ Digital speed display
- ◆ Drive system with variable frequency drive for smooth speed control
- ◆ Audio visual rotation alarm
- ◆ Automatic restart after power failure.
- ◆ Maintenance free Non lubricating bearings for Rollers.
- ◆ Protocol documents: Design qualification, Installation qualification, Operation qualification and Operation manual available if required.

Technical Specifications

Model	Power supply	Dimensions	Power consumption	Bottle speed	No. of bottles position	Deck space	Humidity	Ambient Temp.	Dia. Range of bottles	Alarm	Digital Display
Rola Cell -B6	240V AC	600(W) x 410(D) x 575(H) mm	50 Watts	0.1 to 3RPM	5 TO 55	140mm	Up to 90%	10 ⁰ to 40 ⁰ C	110 to 120mm & 270mm length.	Optional	Yes



MAGNETIC STIRRER

APPLICATION: STIRRING OF CELL / BACTERIAL CULTURES

- ◆ Powerful Magnetic stirrer suitable for stirring liquids from 10 to 50 liters
- ◆ Flat and sturdy SS 316 Casing (Top cover)
- ◆ Non vibrating, Non heating and Non slippery platform
- ◆ LED Digital speed display
- ◆ 50 to 1000 RPM with 1rpm resolution
- ◆ Powerful PTFE magnet for non-slippery action
- ◆ Autoclavable PTFE magnet.
- ◆ Progressive speed control by VFD
- ◆ Power supply : 230 V AC 50 Hz
- ◆ Supply include power chord and PTFE magnet
- ◆ Permissible ambient: 40⁰ C max
- ◆ Control: Automatic Re-start after power failure and resumption.
- ◆ Suitable bottle Dia: 380mm maximum
- ◆ Protocol documents: Design qualification, Installation qualification, Operation qualification and Operation manual available if required.

Technical Specifications :

Model	Power supply	Power Consumption	Stirring Capacity	Stirring Position	Speed Range	RPM Resolution	Speed Accuracy	Digital display	Ambient Temp	Humidity	Dimension
MAG STIRRER 50L	220 to 240V AC50Hz	50 Watts	10 to 50Ltrs	1	50 to 1000RPM	1RPM	±5rpm	Yes	8 to 40°C	80%	440(W)x 374(D)x 132(4)mm



PRESSURE VESSEL

APPLICATION: TO HOLD/TRANSFER STERILE MEDIUM.

- ◆ Available from 10 ltrs to 100 ltrs.
- ◆ MOC: SS 316 L.
- ◆ Ports for Air and liquid transfer with diaphragm valves.
- ◆ Can be supplied with trolley.
- ◆ Protocol documents: DQ, IQ & OQ are optional.



DECONTAMINATION TANKS

APPLICATION: TO TREAT BIO-PROCESS CONTAMINATION / ETP.

- ◆ Capacity: 100 ltrs to 10 KL.
- ◆ Auto loading and unloading facility
- ◆ Fully Automatic - optional
- ◆ Contamination control through steam heated.
- ◆ Semi-automatic PLC based control.
- ◆ SS material process based.
- ◆ Jacketed vessel or plain insulated
- ◆ Batch Recording facility
- ◆ With Magnetic Pumps and drive assemblies
- ◆ Optional : pH
- ◆ Protocol documents: Design qualification, Installation qualification, Operation qualification and Operation manual available if required.



CONCENTRATION SYSTEM

APPLICATION: VIRUS / BACTERIAL CULTURE

- ◆ The basic design of the equipment is as per the requirement of the customer.
- ◆ Cartridges : Hallow Fiber (customer Scope)
- ◆ Aseptic – Diaphragm pumps and with Aseptic Diaphragm valves
- ◆ Semi and Fully Automation facility available with PLC control.
- ◆ Concentrations up to 4X.
- ◆ Diaphragm pump / Lobe pumps for sterile applications
- ◆ Protocol documents: Design qualification, Installation qualification, Operation qualification and Operation manual (optional).



SPECIALIZED SKIDS / TAILOR MADE SKIDS

- ◆ Process automation fermenter.
- ◆ Skid supportive fermenter.
- ◆ Cell culture
- ◆ Virus culture
- ◆ Bacterial culture applications.
- ◆ SS 316, SS 316L, material.
- ◆ Protocol documents: Design qualification, Installation qualification, Operation qualification and Operation manual available if required.

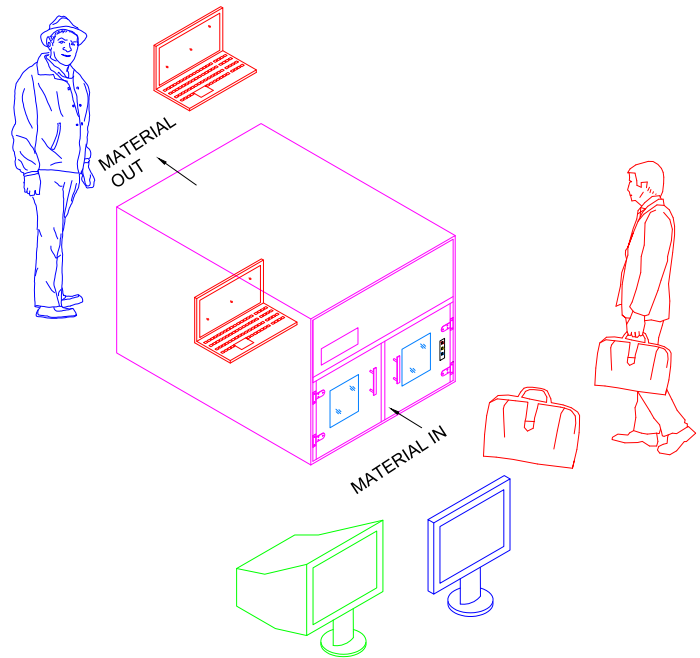
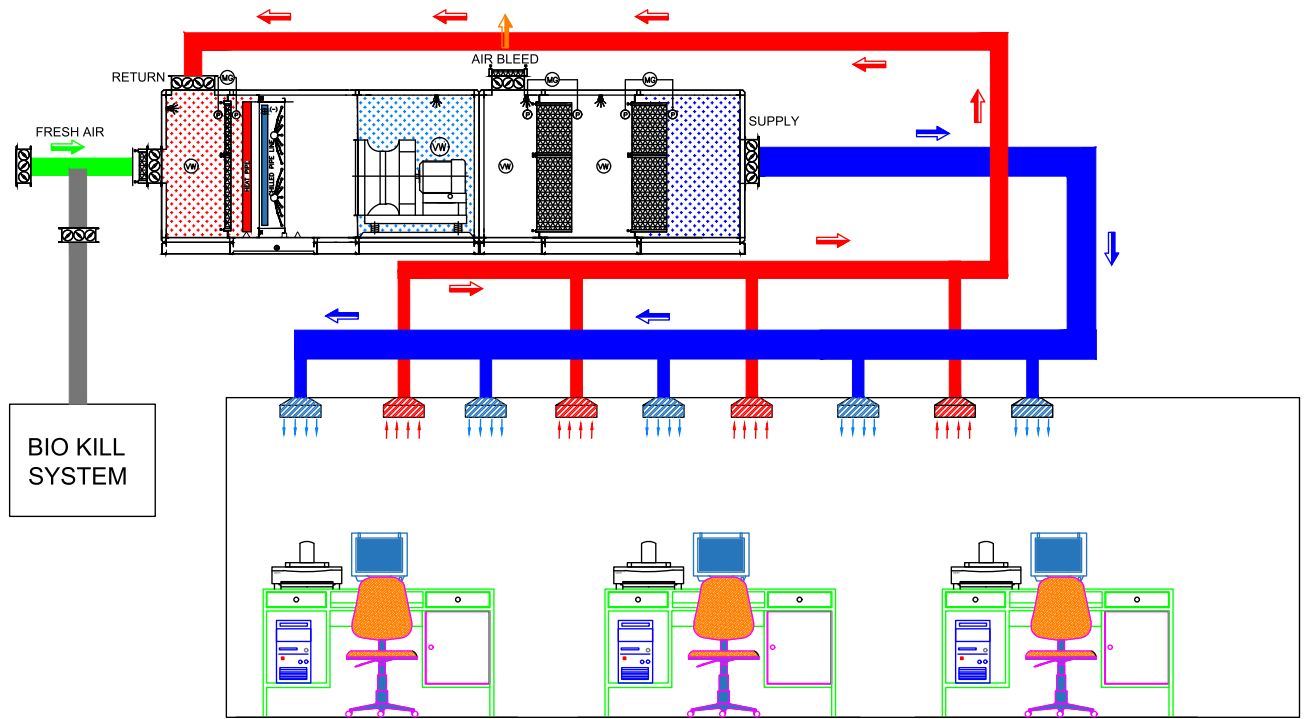


HYGIENE CARE EQUIPMENT

APPLICATION: HAND AND LEG WASH EQUIPMENT.

- ◆ For Hand and Leg .wash prior to entry in to clean room.
- ◆ All operations are Auto mode.
- ◆ A high quality washing equipment for hands and legs.
- ◆ Designed and developed to match the present industrial hygiene standards.
- ◆ Ensure effective cleaning of hands & legs from dirt and dust before entering the process area.
- ◆ Operates on single phase power supply.
- ◆ High efficient photoelectric sensors to reduce the consumption of process water and air.
- ◆ Separate Dryer for wetted hands.
- ◆ Inbuilt Pressure regulator for water source to avoid the spillage inside the clean room.
- ◆ Inbuilt user selectable timer control for water source
- ◆ Non corrosive SS material for long term use
- ◆ Protocol documents: Design qualification, Installation qualification, Operation qualification and Operation manual available if required.

BIO KILL SYSTEM



DECONTAMINATION CHAMBERS

Other Services

- * We also provide Instrumentation and PLC based software solutions for Fermenter
- * Effective Vessel Integration solutions
- * We accept customizable equipment orders
- * Auto fumigation chambers.

Our Customers



Sarvita Bio-Technologies Pvt. Ltd.



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