

Sterile Blending Vessel

Our Blending Vessel systems are designed for sterile blending operations during manufacturing of Biopharmaceutical. Our system are fitted with the necessary control panel having PID Controller, AC Frequency Controller, pH and conductivity meter.

The jacket is designed for automatic temperature control through a primary loop for heating and cooling.

Products Specifications:

- Customised sterile designs incorporated for diverse applications
- Bottom mounted Magnetic Mixer
- Highest quality components
- High purity sterile surfaces
- 100% drainable
- 100% cleanable with confirmation by Riboflavin test.
- 100% Sterility compliant
- Load cells for weight measurement
- Zero Dead leg design
- Fabrication to FDA defined cGMP regulations and ASME BPE standards
- Varying modes of Operation i.e. Manual / Semi Automatic / completely Automatic with high performance control systems using user friendly, informative Visualisation with PLC / HMI / SCADA
- Automation designed to latest GAMP standards which are compliant to CFR Part 11 and other applicable codes as required / defined in URS

Key Benefits

- Cost effective solution
- Low power consumption compared to conventional agitation system
- Low shear force (Less damage to product)

Range

- Processing batch sizes from 5 litres to 30000 litres

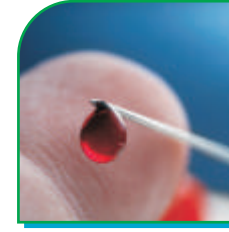
Our Standard Validation and Documentation Dossier Includes:

- General Arrangement Drawings
- Piping Layout
- P & ID
- Instrument Data sheets for each instrument in ISA format.
- Calibration Certificates
- Panel GA
- Control & Wiring Diagrams
- Power Distribution Diagrams
- Loop Diagrams
- IQ / OQ documents all protocols conducted during FAT and respective Standard Operating Procedures
- Mechanical and Instrumentation components & catalogues
- Mechanical documentation for material, pipe weld map, welder qualification etc.
- Functional specification of the equipment restricted to our scope of supply
- Flow charts and Valve matrix
- Operating Manual for the equipment
- List of Spares

Applications



Generation Storage, Monitoring and Distribution system for purified water



Blood Plasma



Syrup and Suspension



Cream, Ointment, Lotion, Gel and Suppository



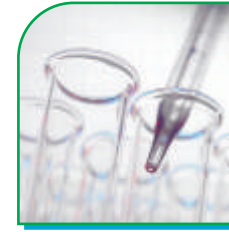
Vaccines



Hi Potent drugs, Cytotoxic, Anticancer, Hormones and Steroids



Parenteral Formulation Compounding



Biotech Modules Superskid



Insulin

Global Presence

- Algeria
- Canada
- Egypt
- Ghana
- Iran
- Iraq
- Jordan
- Nigeria
- Russia
- Sudan
- Syria
- USA



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411/413, Dilkap Chambers, Off. Veera Desai Road, Behind Mukta Art, Andheri (W), Mumbai - 400 053. INDIA
Tel.: 0091 22 4031 3888 • Fax: 0091 22 4031 3889 • Website: www.pharmaaccess.net
E mail: info@pharmaaccess.net / pharmaaccess@hotmail.com

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