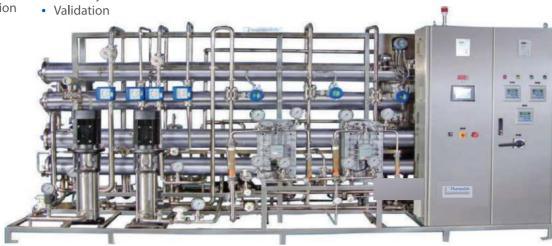




## **WATER SYSTEMS**

Water System comprises of Purified water and Water for Injection

- Generation
- Storage
- Distribution
- Automation
- Turn Key execution



**Purified water Generation System** 



**Pure Steam Generator** 



Multiple Effect Distilled Water Still



**Pure Steam Testing Kit** 



Point-of-Use (POU) System

# **PROCESS EQUIPMENT**

State-of-the-art Automated & Semi-Automated Process Systems for

- Liquid Orals
- Aseptic Liquids
- Ointments-Sterile and Non Sterile
- Biotechnology

- Soft Gelatin
- CIP/SIP systems
- Process Piping and Automation
- Basic Chemicals / Intermediates / Bulk Drugs



Three tank Liquid Oral Manufacturing



**Ointment Manufacturing System** 



Fermenter 25L



Aseptic liquid processing line



Mobile Automatic CIP/SIP System

### **STERILIZER**

High pressure steam & Dry heat sterilization of

- Rubber Stoppers
- Garments
- Rubber Parts
- Media
- Terminal Sterilization
- Machine Parts
  Ampoule Leak Testing
  - Empty Vial and Ampoule Sterilization



Super-Heated Water Spray Sterilizer



**Ventilator Sterilizer** 

## PHARMACEUTICAL WASHER



**Multipurpose Pharmaceutical Washer** 

### **FILTRATION**

#### Used for separation of undissolved Solids from Liquids like

- Pharmaceutical syrups
- Solvents / Aqua based Bulk Drugs
- General Chemicals
- Sugar Syrup of Beverages
- Agrochemicals
- Oil
- Alcoholic drinks
- Bacteriological filtration of liquid injectables



Plate and Frame Filter Press with Hydraulic Power Pack



**Automatic Horizontal Plate Filter** 



**Bag Filter** 



**Rotary Vacuum Drum Filter** 



Filter Press with Cartridge Assembly

### **STERILIZER**

### High pressure steam & Dry heat sterilization of

- Rubber Stoppers
- Garments

- Media
- Terminal Sterilization
- Machine PartsRubber PartsAmpoule Leak TestingEmpty Vial and Ampoule Sterilization



Steam Sterilizer (Horizontal Sliding Door)



Steam Sterilizer (Hinge Door)



Steam Sterilizer (Vertical Sliding Door)



**Vertical Drum Autoclave** 



**Dry Heat Sterilizer** 



Vacuum Tray dryer

## **PACKAGING SYSTEMS**

Fully Automatic and Semi Automatic packaging lines for

- Liquid Orals
- Liquid Injectables
- Sterile Dry Powders
- Personal Care / Home Care Products
- Agrochemicals
- Distilleries
- Foods
- Oils Edible / Mineral





Rotary Washing & Monoblock Filling-Capping Machine





**Double Head Tube Filling Machine** 





Airjet Bottle Cleaning Machine

**Labeling Machine** 



#### Global Installations

- Argentina Armenia Australia Algeria Bangladesh Cambodia Cameroon
- China Congo Costa Rica Djibouti Egypt Ethiopia Germany Ghana
- Greece Honduras Hong Kong Indonesia Iran Iraq Italy Jordan Japan
- Kenya Kuwait Kazakhstan Malaysia Mexico Myanmar Morocco Nigeria
- Oman Pakistan Palestine Phillippines Romania Russia Saudi Arabia
- South Africa South Korea Sri Lanka Sudan Syria Tanzania Thailand
- Turkey USA Uganda Ukraine Uzbekistan United Arab Emirates Venezuela
- Vietnam Yemen Zambia Zimbabwe



Assembly Area



Manufacturing Plant at Santej, Ahmedabad



FAT Bay

Pharmalab is a name synonymous with state-of-the-art technology and equipment in the areas of filtration, sterilization, processing and packaging for pharmaceutical and other industries where quality is crucial. In the last five decades, the organization has emerged as a global player with solutions that include designing, manufacturing, installation as well as turnkey projects and consultation. Headquartered in Mumbai, the company has three ISO Certified manufacturing units and is supported by a team of highly qualified and experienced scientists and technocrats.



R & D Section



