

## Our Other Products & Clients



### Granulation Section

- FBD - 5 kgs to 500 kgs
- RMG - 5 kgs to 500 kgs
- Try Dryer - 6 to 96
- Starch Paste Kettle
- Multi Mill
- Co - Mill
- Oscillating Granulator
- Vibrosifter 12" to 60"
- Turbosifter
- Mass Mixer
- Double Cone Blender
- Octagonal Blender
- Autocoater
- Coating Pan
- Minicota
- Deduster
- Dust Collector
- Tablet Inspection M/c.
- Vacuum / Pneumatic Conveying Systems
- Lifter / Tilter
- IPC Bins / Container
- Pkg Conveyor
- Ribbon Blender
- Rotocone Vacuum Dryer

### Liquid Oral & Ointment Section

- LOP - 500 Ltr to 5000 Ltr
- OMP - 50 Kgs to 5000 Kgs
- Multi Purpose Mixers
- Gel Mfg. Kettles
- Special Purpose Mixers for
- Cold Creams
- Gel
- Hair Cream
- Shampoo
- Emulsions
- Tooth Paste
- Lotions
- Hair Die
- Lipstick
- Shaving Creams
- Colloid Mill / Inline Colloid Mill
- Zero Hold UP Filter Press
- Sugar Transfer System
- Volumetric Liquid Filling M/c.

### Water Systems

- DM / RO Generation with EDI
- Multi Column Distillation Plant
- Pure Steam Generation
- Combo Still Generation
- DM / RO Storage & Distribution Loop
- WFI Storage & Distribution Loop
- Pure Steam Distribution Loop

### Major Clients



### After Sales Activities

We have a dedicated staff who strictly follows all rules and regulations, especially regarding completion of jobs and delivery of products on time. Our after-sales engineers remain alert at the 'back and call' of our clients. They are the professionals who maintain the healthy life line of the products and projects and also train the maintenance staff of the respective client or operator as the case may be.



Unit : I - Navi Mumbai



Unit : II - Ambernath, Thane

GEM Pharma is a global turnkey solutions provider for Pharma, Biotech, Injectable / LVP / SVP, Lifesciences, Healthcare, Chemicals, Cosmetics, Beverages, Food, Distilleries, & Water Systems. It is one of the Leading quality oriented manufacturer in India supplying wide turnkey projects especially in Pharma Industries.

It is situated in Industrial area of Navi Mumbai & Ambernath with highly potential workforce, qualified personnel, technical engineers, experienced technical personnel who are in the field of design, manufacturing and execution of various projects for a longer time. The state of the art manufacturing infrastructure is quite spacious to handle big projects with excellent outstretched facilities especially Material Handling, Safety, Inspection, Operations etc.



### GEM PHARMA MACHINERIES

Machineries & Equipments for Pharmaceuticals, Chemicals, Cosmetics, Beverages & Food Industries  
Plot No. R-340, TTC Industrial Area, MIDC, Rabale, Navi Mumbai 400 701, Maharashtra, India.  
Tel.: 2764 2456 / 57 / 58 • Fax : 2764 2459 • Contact Person : Mr Kumar, Mobile : 9820088539  
e-mail : gempharma@gmail.com • Web : www.gempharmaindia.com

### GEM PHARMA ENGINEERING PVT. LTD.

Machineries for Pharmaceuticals Injectable / LVP / SVP Section & Water Systems  
Plot No. 24, 26, 27 / 32, Ambernath Industrial Area, Ambernath 421501, Dist. Thane, Maharashtra, India.  
e-mail : gemmumbai@hotmail.com • Web : www.gempharmaindia.com

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## Innovative Solutions

### For Sterile Injections

- Injectables
- SVP
- LVP
- Eye / Ear Drops
- CIP / SIP
- Sterilization



**GEM PHARMA ENGINEERING PVT. LTD.**

*Quality matters for investment for years...*



## Business Beliefs



### Evolution

GEM PHARMA was established in 1998 as professionally managed engineering company engaged in manufacturing and execution of turnkey projects for pharmaceutical - API / Food-Beverages and allied industries. For over and surveying three decades to the industry we are reckoned as a quality conscious organisation and the company has earned goodwill in the domestic and overseas market owing to our unparalleled product quality and ethical practices. This has also enabled us to attain an enviable position in the industry. Today we are one of the leading and fast growing solutions provider for wide range of systems and process applications to the industry. This has been possible due to our technical expertise Gem Pharma Products Services maintain a technological edge to achieve optimized plant design and complete customer satisfaction.



### Vision

To remain at the peak of victory through excellence in quality & constant hard work



### Growth

Since the modest beginning, the company has grown in the short span of time and has successfully diversified into many engineering divisions. GEM has strengthened its reputation during the last decade, as its new generation of machines is now well established and is indeed the benchmark for others who are emulating its features.



### Quality Policy

Our products are tested to exacting international Quality standards. Our company is constantly increasing its services to meet high standards, with comprehensive domain expertise in engineering and allied business. GEM PHARMA has carved a niche for itself in the industry and is now a force to reckon within India and International Market.



## Water System



Purified Water Generation System



Multi Column Distillation Plant - Cap : 50 Ltr to 5000 Ltrs



Pure Steam Generator  
Cap : 100 Kg to 2000 Kg



PW / WFI & Pure Steam Distribution Loop System



## Mobile CIP / SIP



CIP / SIP Systems



Mobile Automatic CIP System



Steaming-in-place (SIP) is a widely adopted method for the in-line sterilization of processing equipment. The main advantage of SIP relies on manipulation reduction and aseptic connections that might compromise the integrity of the downstream equipment.

Adequate configuration of steam- in-place (SIP) systems is vital and must be considered at the early conception stage of the plant. The critical requirements associated with SIP include proper steam distribution, noncondensable gases removal, and continuous condensate elimination. Good engineering practices, adequate piping design, steam traps, valves, and monitoring instrumentation are essential to ensuring SIP validation.

Gas filter engineering System design installation, and standard operating procedure. Vent filters are Required for the sterile introduction of air or nitrogen during and after the process of vessel sterilization. Gas filters are made of hydrophobic materials such as circumstances, the steam no longer passes through the membrane, leading to incorrect sterilization. The filter housing must therefore be designed and installed for correct drainage of condensate, with the cartridge fitted on the sterile vessel. This setup is preferred, since the housing closure as well as the connections to vent and drain valves may present risks of leakage on the upstream side of the filter. A reverse mounting would result in the filter bypass and would compromise the equipment's sterility.

## Sterilizers



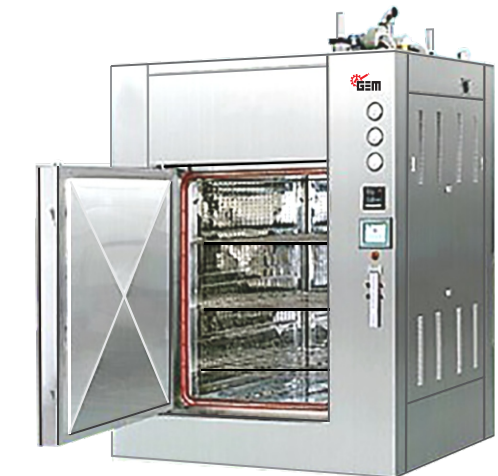
Steam Sterilizer / Autoclave



Rubber Stopper (Bung) Processor



Terminal Steam Sterilizer



Dry Heat Sterilizer



Vertical Lab Autoclave



Super-Heated Water Spray Sterilizer



## Sterile Preparation



Sterile Blending Vessels



Sterile Manufacturing Vessels



Sterile Mixing Vessel  
With Magnetic Stirrer



Acceptic Vessels



Sterile Blending & Holding Suit

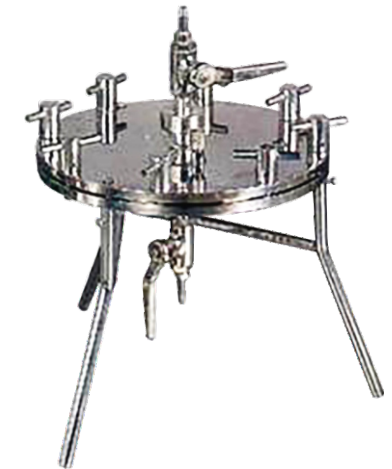


Magnetic Stirrers / Mixers

## Filtration



Pressure & Filling Vessel  
Cap. 5 Ltr to 500 Ltrs



Membrane Filter Holder  
Size - 47 mm / 142 mm / 293 mm

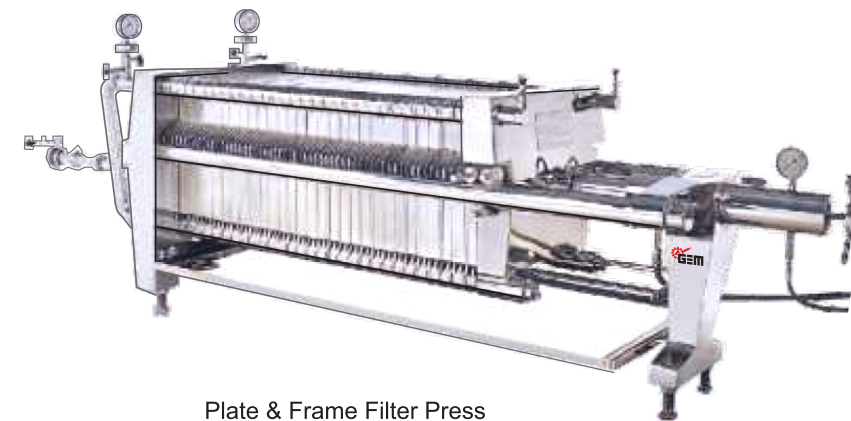


Plate & Frame Filter Press



Zero Hold - Up Filter Press



Sterile Manufacturing Suit