

Preparation System

Description

Preparation Tank is one kind of liquid preparation workshop, special equipment is required for the deployment of the material dissolved in the solvent of the quantitative, reach a certain concentration or content, and the bleaching and filtering processing, the obtained solution directly to the filling.



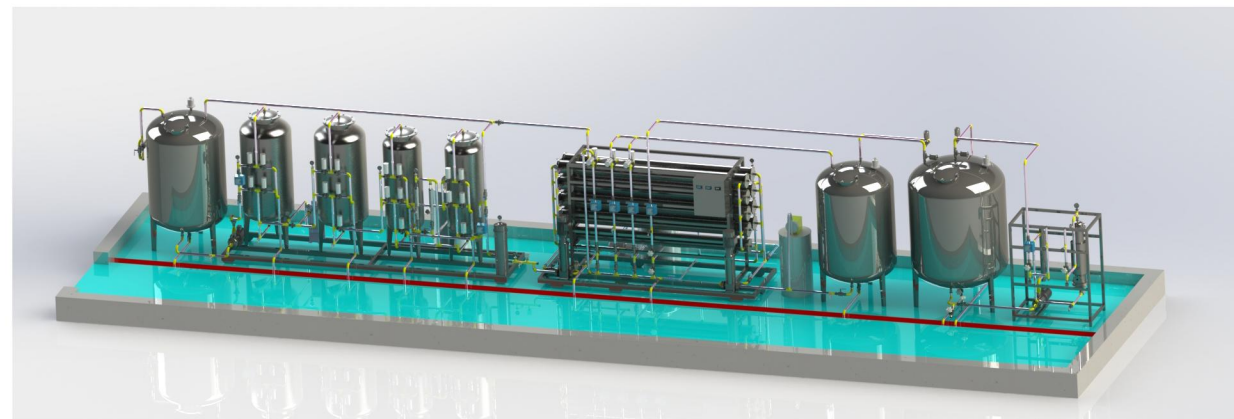
Water Treatment System (PW and WFI)

Description

The water quality meets all the provisions of China pharmacopoeia standard and FDA for PW and WFI Production.

Automatic equipment operation and conditional automatic processing program (such as back flush, regeneration, acid-washing and disinfection procedures);

Monomer and pipe equipment meet GMP requirements (all such back end processing equipments as sterilizer, membrane filtration, terminal water tank and pipeline adopt the 316L material and the pre-treatment pipeline adopts SUS304 material).



Pure Steam Sterilizer and AutoClave

Description

We get different series Sterilizer, Such as LTCG-Series,LTSG-Series and LTMG-Series, for different application use. Normally Sterilizers are used for Terminal Sterilization and tool/Clothes sterilization purpose. The sterilizer from us meet FDA, cGMP and EU GMP Requirement.

Applcation:

1. Ampoule, Vial, BFS, Oral Syrup,etc.
2. Tools, Hoppers, Changes Parts, etc.
3. Gowning Clothes, processing wears,etc.
4. Lab wares and other glass or plastic or steel materials/containers.



Vial / Ampoule Liquid Production Line

Description

Aseptic Vial Production Line consists of: Washing, Sterilizing, Filling, Stoppering and Capping machine, fully comply with cGMP requirements. Capacity from 6000-18000pcs/hr, all servo motor control, Intelligent Operation.



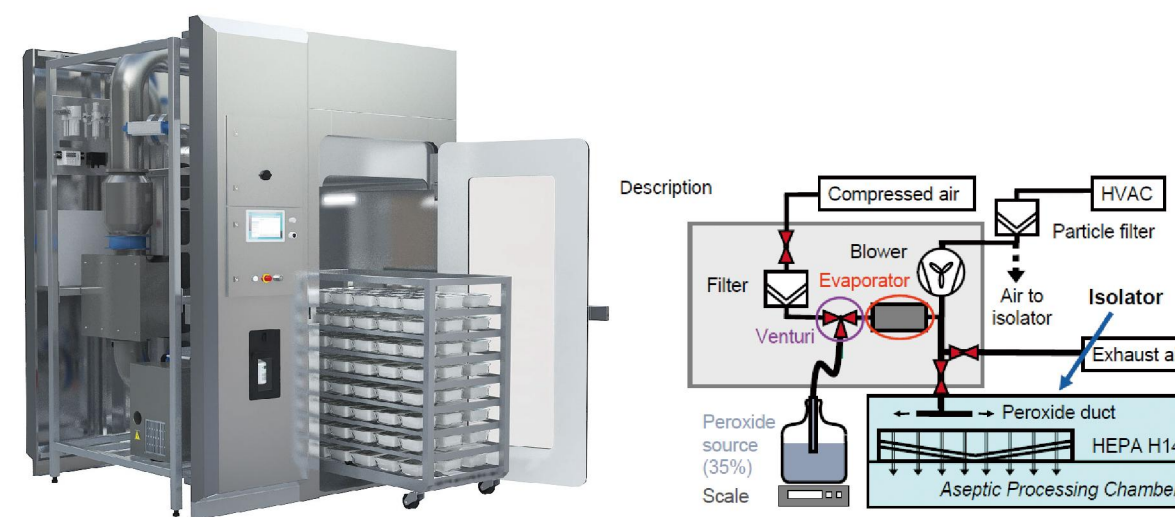
Rotary washer is applicable for washing 2-100ml glass or plastic bottle,
Capacity from 3000-24000 btls/hr



VHP Passbox

Product Feature

Uni-Directional Air Flow, VHP Sterilizing, Air Velocity and VHP Concentration Monitor for Product/
Material Cross ZONE Transfer (Class B/C/D to A)
One side Maintenance, Double side Operation, Interlock Door, Customized size



Design Feature

- 1.316L SS Chamber+ Tempered Glass
- 2.Double Door Inter-Locked
- 3.SIEMENS PLC, Print/Record/Storage and Traceable Data
- 4.≥LOG6 De-Pyrogen
- 5.Comply GAMP5/EU-GMP/FDA Guideline

Sterile Test Isolator / Containment System

Feature

- Suitable for P3 P4 BIOSAFE Lab Virus study use or SPF
Animal Feeding
- 1.Leakage Rate:≤0.2% VOL/H
 - 2.Easily Change Negative or Positive pressure operation
 - 3.Turbulent air flow, Safety Change Hepa Filter
 - 4.Fully customized dimensions and shapes



Lyophilizer

Description

Lyophilizer is a stable process of material dried which will put the material contained with water to freeze to solid first, then make among them of the water sublimate from solid to air condition, removing water to preserve materials



BFS

Description

The BFS is a dedicated state of the art system, enabling primary packaging of bulk pharmaceutical solutions into plastic containers of polypropylene or high density polyethylene or low density PE, using a Blow-Fill-Seal (BFS) technraue.

The BFS are performed automatically in a single machine under a controlled environment (sterile filtered air-shower):

- 1.Extrusion of plastic granulate into a parison at high temperatures
- 2.Blow-moulding of parison into a container with sterile-filtered air
- 3.Filling of sterile-filtered solution
- 4.Hermetic sealing of filled container



LTPM CHINA

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