

Indian pioneer of sterile
storage unit.



Aseptic
Processing Systems



Applications

- | Milk/Flavored Milk
- | Condensed/Cream milk
- | Juice & Juice Concentrate

The [Aseptic tank](#) acts as the intermediate storage device between Aseptic sterilizer & Aseptic filling machines

The aseptic valve cluster module maintains sterility of the system. It encloses sanitary valves with steam barrier, sterile air system with micron filters, instrumentation, control panel, control system and touch screen HMI.



our system advantages

- | Improves product quality & production time efficiency.
- | Sterile air for the tank automatically controls the feed pressure required by the filling machine.
- | Aseptic valves cluster maintain asepticity of the system.
- | Critical Control parameters are monitored & controlled through Automated system.
- | Meets the hygiene requirement in food industry.
- | Use of reliable components.
- | Easy for operation & independent on operator skills.
- | Modular design helps the quick installation & fast commissioning.

UHT Sterilizer Module



Applications

White Milk | Flavored Milk
Milk Shakes | Soya Milk | Buttermilk/Lassi
Cream (20% Fat) | Fruit Juice and Concentrates

Designed and fabricated by Neologic Engineers, The [UHT Sterilizer Module](#) is tubular heat exchanger based, operating with variable speed to suit different flow rate. It features a system of heat recovery by a loop of sterile water. The tubular heat exchanger of Hipex make, is a 'polytube' or shell and tube heat exchanger. It is rugged and flexible to suit sterilizing application with bellows.



Benefits

- Minimal loss of nutrition
- Shelf life increases by 3 months without refrigeration
- No preservative needed
- Tamper free packaging
- No refrigeration needed

Features

- Regeneration efficiency – up to 80%
- Precise temperature control within +/- 1 deg C
- Safety against intermixing of sterilized milk with raw milk & utilities
- Flexible production capacities
- Variable capacities from 1000 L/hr to 15000 L/hr



Some of Our Esteemed Clients



Complete Care of Process & Automation

Dairy | Food | Fruits & Vegetables | Beverages | Cosmetics | Allied Industry

Neologic Engineers Pvt. Ltd.

"neologic", Office No. 4 & 5, S. No. 105 / 1 / 1,
Mumbai-Bangalore Bypass, Opp. Orchid Hotel,
Baner, Pune - 411045, India.

+91 81490 22514
+91 80870 22514

sales@nepli.net
www.neologicengineers.com

