

Saurin

PASTEURISER UHT/HTST Systems

Saurin range of Pasteurisers/UHT have been developed based on years of experience with UHT Plants and Pasteurisers. It meets the increased expectations of the customer for total automation, ease of operation and computer data logging- all at an affordable price.



Features:

- Complete plant- no external heat source required
- Mobile, compact, stand alone design
- Fully automatic operation
- Programmable logic control
- SS 316 material of construction
- Data logging facility
- Pasteurising and Cooling temperatures can be set and automatically controlled.

Benefits:

- Ideal unit for processing milk products, beverages and viscous products.
- Integrated heat source
- Suitable for Food, Pharmaceuticals and Laboratories
- Can be used for heat treatment
- Operator friendly
- Low maintenance due to robust heat element and quality construction
- Wide range of operating conditions



Our exclusive Control Panel allows monitoring and control of drying parameters. The LCD screen displays the operating conditions and logs to a computer.

Technical Specifications

Parameter	Pasteuriser PS-10	Pasteuriser PS-50	UHT Plant UH-50
Flow Rate	0.1 to 0.2 Litres/min	0.5 Litres/min to 1.2 Litres/min	
Balance Tank	No	20 Litres	
Connected Load	2.2 KW	22 KW	
Minimum Sample Volume	100 ml / 0.04 gallon	1000 ml / 0.4 gallon	
Pasteurising Temperature Range	75 °C to 95 °C		75 °C to 145 °C
Product Inlet Temperature	Minimum 0 °C		
Heating	In-Built electric		
Outlet Temperature	Min. Cooling Water Temperature +6 C Max. Pasteurising Temperature		
Holding Time	Different holding tubes can be supplied. Unit comes with two holding tubes as standard. These tubes can be supplied to your requirements.		
Controls	Our own Microprocessor based temperature controls for Heating, Cooling and flow rates. The system comes complete with display screen that has all the operating instructions, menu setup, flow schematic and maintenance information. All process values can be set up on screen.		
Data Logging Option	Data logging Kit consisting of Software LabReport+ Interface Device+ Manuel + Interconnecting Leads. Transfers operational data to a PC running Windows. Can generate report or transfer data to spreadsheet for processing.		
Power Supply	440 V 3phase 50 Hz (Other options available)		
Options Available	<ol style="list-style-type: none"> 1. Laminar Flow Cabinet 2. Homogeniser 3. Dual Feed Tank System 4. Flow Meter 		



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