



Email : sales@laboratoryinstrumentindia.com

Product Name :
Pasteurisation Pilot Plant

Product Code :
LBNY-0005-10700020



Description :

Semi-Automatic Pasteurisation Pilot Plant

Pasteurisation is carried out by heating and then quickly cooling the liquid to prevent growth of residual micro-organisms.

A Pasteurisation Plant designed to pasteurise milk and clear juices.

Automated Pasteurisation Pilot Plant with SCADA

Pasteurisation is carried out by heating and then quickly cooling the liquid to prevent growth of residual micro-organisms. A Pasteurisation Plant designed to pasteurise milk and clear juices. It is supplied with a PID controller to control and monitor the process in real time and automatically collect and store process data.

Technical Specification :

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Centrifugal feed pump of sanitary type with body of stainless steel and maximum flow rate of 1000 l/h

Variable-area flow meter of stainless steel, with range of 10 to 100 l/h, accuracy: $\pm 0.5\%$

Cylindrical feed tank of stainless steel, mirror polished inside, with capacity of 80 l

Tank of stainless steel, with capacity of 80 l, for collecting water/glycol solution

Cooling circuit for water/glycol solution, including compressor, P = 3.5 kW, condenser, filter, liquid separator, thermostat

Wheeled framework of stainless steel

Max. feeding: 100 l/h (higher flow rates on demand)

2 plate heat exchangers (pasteurization and cooling) of stainless steel, with exchange surface of 0.1 m²

Circulation pump of water/glycol solution with body of stainless steel and maximum flow rate of 2000 l/h.

Cylindrical tank of stainless steel, mirror polished inside, with capacity of 80 l, for collecting the pasteurized

product.



Laboratory Instrument India