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**Product Name :**  
Laboratory Pasteuriser

**Product Code :**  
LBNY-0005-10700049



**Description :**

Pasteurising temperatures and holding times are easily adjusted, allowing the effectiveness of the product treatment to be investigated. When correctly operated, cleaned and sterilised can produce a correctly treated and pasteurised product. However it is not intended that this apparatus be used to manufacture products for human consumption. Although primarily designed for use with milk, other food liquids can be pasteurised providing that their solids content is not too high.

The Laboratory Pasteuriser accurately reproduces in miniature the industrial High Temperature Short Time process. Nominal throughput is only 10 litres/ hour.

The three stage plate heat exchanger of the achieves these parameters by Transfers heat from the treated product to the feed liquid. Full instrumentation and controls are provided to regulate heating water temperature and also feed pump speed which in turn regulates holding time. This provides dual benefits in reducing the energy required to reach the pasteurising temperature and in reducing the cooling required. An optional Chilled Water Circulator is available.

Heating the process liquid with hot water prior to its entry into the holding tube and then by Cooling with cold water to storage temperature. An intermediate heat exchanger.

**Technical Specification :**

Laboratory Pasteuriser

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# Laboratory Instrument India

