

## Fully Automatic Human Milk Pasteurizer

A Human Milk Pasteurizer that can pasteurize  
Expressed Human Milk from 100 ml to 3000 ml (3 Litres)



Let the love flow



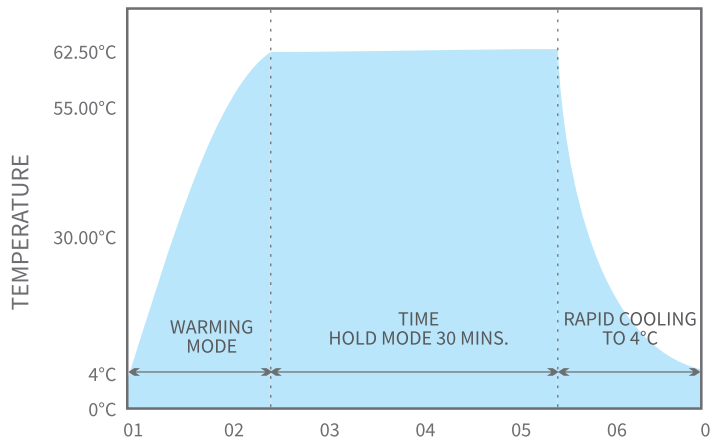
# Kimie

## The Game Changer

This revolutionary invention overcomes all these roadblocks as it cuts down the initial investment by almost 85%.

Moreover, it is user friendly, eco friendly, easy to operate and involves strikingly low operating cost.

Kimie automatically cools the Milk to 4°C



### The striking features

- Very Compact & portable.
- Fully Automatic. It Heats, Holds & Cools the milk in the same container.
- Does not require any special Plumbing connections. It works on regular electrical connection. (230 volts AC  $\pm$ 10% 50 Hz.)
- Kimie is capable of Pasteurizing 100 to 3000 ml of Human milk.
- Fully automatic, servo controlled system equipped with intelligent micro controllers for pin point accuracy of the milk temperature.
- 7 inches touch screen display provided to indicate the Elapsed time, actual milk temperature, bath water temperature, water level indicator in water tank, graphical representation of cycle & can store data of last 100 cycles.
- Special milk sensor incorporated to ensure accuracy of milk temperature.
- The Pasteurization chamber has capacity to accommodate 15 milk containers of 225 ml & One Water Container to control & maintain the Milk (product) temperature.
- The Unit is Eco friendly, It does not require more than 15 liters of Water, it is also been provided with a close loop system to avoid wastage of water. Meets all world milk Bank Guide lines.

### Easy and user friendly operation

- An inbuilt heating system ensures that the Milk is warmed to 62.5 °C  $\pm$ 0.5 °C.
- Once the Milk is warmed to 62.4 °C, the Micro-processor will automatically shift the mode of system from HEAT To HOLD to ensure that the Milk Temp is maintained at 62.5 °C  $\pm$ 0.5 °C for 30 minutes. The Digital display will indicate the elapsed time for user's convenience.
- Inbuilt Cooling system ensures that the milk is rapidly cooled to 25 °C within 5 minutes, 10 °C within 10 minutes & 4 to 5 °C within 35 minutes.
- Once the Hold time is over, the cooling system should automatically take over the cycle & will start rapidly cooling the Milk to 10 °C within 10 minutes.
- Inbuilt alarms are provided to inform the user regarding the pasteurization process.
- It has a facility to indicate the following temperatures: Milk Temperature, Pasteurisation chamber Temperature, Temperature of water.
- Meets the Baum / Holder Method: The scientific method of automatic heating followed by refrigerated cooling in one chamber.

Life changes so do concepts, ideas hence for constant up gradation we reserve the right to change the specifications & features without prior notice to ensure harmony between man & the machine.



Innovated by

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