

STERILIZATION SYSTEM

Plate Pasteurizer

PRODUCT CODE	CATEGORY	ORIGIN
EQMH-CHINA-MY3157001	Sterilization System	China, exported worldwide



Description

A plate pasteurizer heating liquid product to pasteurisation temperature, holding it for the required time and cooling it again, using a plate heat exchanger with regeneration so outgoing product preheats incoming. Regeneration is what makes plate pasteurisation economic, recovering most of the heat rather than paying for it twice. The parts that matter for compliance are the holding tube, which must guarantee the time at temperature, and the flow diversion that sends under-temperature product back rather than forward. Plate gap is chosen for the product's viscosity and particulates. Contact us with your product, flow rate and pasteurisation specification for a selection.

Technical specification

Technical parametre: 5?→65?(homogenization) →85~95?(15S) →5?

This unit can be connect with separator, homogenizer, flash evaporator & degasser ect. this unit is used as Pasteurizer (widely used in fresh milk, milk beverage, juice, tea, alcohol, ice cream ect.) ,and also pre-sterilize material when producing Pasteurized milk(long life milk).

This machine has features of high heat recovery, lower energy cost, strict design on the construction and easy operation, simple maintenance.

Control type:

Full-automatic control (PLC with touch screen),Semi automatic PID Control.

- A. Plate heat exchanger;
- B. Material-balance bucket;
- C. Hot water-balance drum;
- D. Hot water pump;
- E. Product pump;
- F. Steam & water mixer;
- G. Electricity box;
- H. Stainless steel pipes and valves etc.

Request a quotation

Send your capacity, voltage and destination port and we will reply with drawings, a price and a lead time within one working day.

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