

PIPE-TYPE UHT STERILIZER

列管式超高温杀菌机 (UHT)

杀菌系列
Sterilizer series

适用范围

可用于果汁、茶饮料、乳饮料或类似产品进行连续杀灭菌。可连接均质机、脱气等设备。

工艺参数

- a) 5°C→65°C(均质)→137°C(3-5S)→20°C-25°C, 适用于无菌包装;
- b) 5°C→65°C(均质)→115°C/137°C(5-15S)→88°C-90°C, 适用于热灌装;
- c) 5°C→65°C(均质)→115°C/137°C(5-15S)→65°C-70°C, 适用于中温灌装;

管式杀菌机可用来对各种液态食品、饮料进行热处理, 与其它种类的杀菌机相比有如下优点

- a) 热效率高, 可达90%的热回收效率;
- b) 加热介质与物料温差小, 换热管采用了波纹管, 换热效率高, 结垢少, 增长了杀菌机的工作时间。
- c) 自动化程度高, 从设备的CIP清洗、设备自杀菌到物料杀菌整个过程可实现自动控制、记录。
- d) 杀菌温度控制精确可靠, 蒸汽压力、流量, 物料流量等都严格控制。
- e) 物料管内壁采用先进技术抛光和自动焊, 管道设计实现全自动清洗, 设备全过程自杀菌, 确保系统无菌性。
- f) 系统安全性强, 系统配件皆选用性能可靠、性能高的产品, 蒸汽, 热水, 物料等都有压力保护措施和报警系统。
- g) 系统可靠性高, 主要部件如物料泵、热水泵、各类阀门, 控制系统的电气元件和执行元器件都是世界名牌。
- H) 自身SIP系统。

Application

Mainly used for aseptic filling packing types products, such as Tetra paper brick, Tetra paper Pillow, aseptic soft plastic bag, aseptic PET bottles, especially used for liquid milk and juice.

Technical Data

- a) 5°C→65°C(homogenizer)→137°C(3-5S)→20°C-25°C, for aseptic filling;
- b) 5°C→65°C(homogenizer)→115°C/137°C(5-15S)→88°C-90°C, for hot filling;
- C) 5°C→65°C(homogenizer)→115°C/137°C(5-15S)→65°C-70°C, for middle temperature filling;



触摸屏PLC全自动控制
PLC Full-Auto control with touch screen

Pipe-type UHT sterilizer is suitable for hot processing of liquid foods and beverage. Compared to the other model, it has the following characteristics:

- a) High heat efficiency, can reach to 90% of heat;
- b) Temperature difference between the product and the heating medium is small, so the heating is gentle;
- c) High automation, control and recorder the CIP cleaning, self sterilizing, and the whole processing steps automatically;
- d) Precise and reliable sterilizing temperature control; all the affecting factors such as steam pressure, steam flow rate, product flow rate are all controllable;
- e) The inside of pipe adopts advanced polish procedure, automatic cleaning and self sterilizing ensures the aseptic condition;
- f) Strong safety, the fittings all adopts reliable materials; There is pressure protection and alarm system for steam, hot water, and material.
- g) High reliable, main parts such as product pump, hot water pump, all kinds of valves, elements of the electrics are all world-known brands.
- h) With self SIP.

灌装/后杀菌系列
Filling & second-sterilizing
machinery

NORMAL PRESSURE HOT FILLING MACHINE 3-IN-1 UNIT

常压热灌装三合一机



产品描述

本系列设备用于绿茶、红茶、乌龙茶以及果汁饮料等产品的热灌装生产。该机集冲瓶、灌装、封口为一体。设计科学合理、造型美观、操作维修方便、自动化程度高, 是热灌装饮品的首选生产设备。

Description

The series of equipment is used in hot filling of green tea, black tea, wulong tea and fruit juice. The machine integrates washing, filling, capping together. Scientific and reasonable design, nice appearance, convenient operation and maintenance, high automation. It is an ideal equipment for hot filling products.

技术参数 Technical Parameter

型号 Model	HGF14-12-5	HGF18-18-6	HGF24-24-8	HGF32-32-10	HGF40-40-12
生产能力 Production capacity (600ml)(b/h)	2000-3000	4000-6000	8000-10000	12000-14000	16000-18000
灌装精度 Filling precision	> ± 5MM (液面定位 Liquid level)				
聚酯瓶规格 polyester bottle standard(mm)	瓶径 dia φ 50- φ 100 瓶高 height:150-320				
适用盖形 Suitable cap shape	塑料螺纹盖 Plastic screw cap				
冲瓶用水压力 Water pressure of washing bottle(Mpa)	0.18				
冲瓶用水量 Water consumption of washing bottle(kg/h)	800	1600	2500	3500	4500
喷冲工位 Spraying position	5	5	6	12	20
沥瓶工位 Dripping position	3	3	3.5	7	14
气源压力 Air source pressure(Mpa)	4				
耗气量 Air consumption(m ³ /min)	0.2	0.3	0.4	0.5	0.6
总功率 Power(kw)	4.23	5.03	6.57	8.07	5.6
总重量 Weight(kg)	2500	3000	4000	5000	6000
外形尺寸 Size(mm)	2300x1550x2500	2640x1800x2500	3000x2000x3150	3600x2800x3150	4500x3400x3150