

Dynamic Laminar Flow Sterilization and Drying Integrated Machine

动态层流灭菌干燥一体机



Product Introduction 产品简介

动态层流灭菌干燥一体机是专门针对中药浸膏开发设计的一款革新性干燥设备，具有操作简单、温度均匀性好、干燥效率高、能耗低等特点。特别适合于多品种、中小批量，干燥温度50°C至90°C中药浸膏的干燥。

The dynamic laminar flow sterilization and drying integrated machine is an innovative drying equipment specifically designed for traditional Chinese medicine extracts. It has the characteristics of simple operation, good temperature uniformity, high drying efficiency, and low energy consumption. Especially suitable for drying traditional Chinese medicine extracts of various varieties, small and medium-sized batches, with a drying temperature of 50°C to 90°C.

Product Advantages 产品优势

- 解决中药浸膏干燥效率瓶颈，干燥效率高，真空爆炸式干燥技术相比传统设备效率提高200%以上；

Solve the bottleneck of traditional Chinese medicine extract drying efficiency, with high drying efficiency. Compared to traditional equipment, vacuum explosion drying technology improves efficiency by more than 200%;
- 解决中药浸膏实际生产与干燥工艺的符合性问题，设备生产过程稳定、工艺可控；干燥机理明确符合法规要求；

Solve the compliance issue between the actual production and drying process of traditional Chinese medicine extracts, ensure stable equipment production process and controllable process; The drying mechanism clearly meets regulatory requirements;
- 解决中药浸膏干燥设备杂菌污染问题，具备流通蒸汽灭菌功能；

Solve the problem of bacterial contamination in the drying equipment of traditional Chinese medicine extracts, and have the function of circulating steam sterilization;
- 解决中药浸膏干燥，中小批量，多品种的干燥困境，实际生产更灵活；

Solve the drying difficulties of traditional Chinese medicine extracts, small and medium-sized batches, and multiple varieties, making actual production more flexible;
- 解决中药制药设备能耗高的问题，此设备药品生产成本：1.06~1.49元/kg 相比传统设备降低50%以上。

Solve the problem of high energy consumption in traditional Chinese medicine pharmaceutical equipment, the production cost of this equipment is 1.06-1.49 yuan/kg, which is reduced by more than 50% compared to traditional equipment.



Product Parameters 产品参数

序号 No.	项目 Item	参数 Parameters			备注 Remarks
1	整机结构 Overall structure	矩形截面 (1370x1520) Rectangular section		矩形截面 (600x600) Rectangular section	
2	规格分类 Size classification	24 m ² (5 m ³)	12 m ² (2.5 m ³)	1 m ² (0.35 m ³)	
3	额定生产能力 Rated production capacity	200 kg / 6 h (湿) wet	100 kg / 6 h (湿) wet	12 kg / 6 h (湿) wet	干燥前湿料(推荐) Wet material before drying (recommended)
4	干燥盘数量 Number of drying trays	96个	48个	8个	
5	板层数量 Number of shelves	24块	12块	4块	
6	内车数量 Number of sterilization trolleys	2车	1车	无 none	可拆卸 Detachable