

SERIES TRIPLE-EFFECT ENERGY-SAVING CONCENTRATOR

系列三效节能浓缩器

SJN

1. Energy-saving profit: Take SJN-1000 as example, the saves respectively in the terms of vapor, water and electric per year are about 5400 tons, 140000 tons and 130000 watt, equal to RMB 200000 Yuan around.

2. The device uses the modes of outer-heated natural cycle and vacuum negative pressure evaporation featuring swift evaporation with concentration proportion of 1.4 (in case of normal China traditional immerse cream).

3. The concentrator uses triple-effect to synchronously vapor, which to utmost extent utilize the second vapor. The client can lower investment in boiler and the energy consumption can be 70% less than that of the single-effect concentrator. It is about less than one year that the client can withdraw the investment in the concentrator dard.

4. Feature of multiple function handle: (1) The reclaimable alcohol concentration is about 80%. (2) The triple-effect can concentrate three different materials. (3) The single-effect, dual-effect and triple-effect can collect cream together time after time. (4) The intermittent and continuous material Feeding is available. (5) The one-off cream formation is available.

The material input is finished by the first effect and after the second and thirist effect, the finished cream is available one-off

5. The special structure of concentrator can bring the concentrated material thick taste and even cream quality. The concentration under the seal and non-bubble condition can prevent material loss and pollution. The present material can be concentrated presently, which features immune to block and convenient cleaning which can be make just by opening the up and down covers and can be make by one person.

6. The part inside the concentrator in contact with the material is made with stainless steel SUS304. The thermal layer made with polyurethane is available at the heater and evaporator. The surface is treated with sand grinding and surface polishing, meeting with the GMP standard.

1、节能效益，按 SJN-1000 型计算，一年节约蒸汽约 5400 吨，冷却水 14 万吨，节约电 13 万多度，降低成本近 20 万元。

2、本浓缩器采用外加热自然型循环与真空负压蒸发方式，具有蒸发速度快，浓缩比重大，可达 1.4（一般中药浸膏），不需敞口锅收膏。

3、本浓缩器采用三效同时蒸发，二次蒸汽行到反复使用，与单效比能耗约降 70%，不到一年可用节能费中收回本浓缩器的全部投资。

4、多功能操作特点：（1）可以回收酒精浓度在 80 度左右，（2）三效可以浓缩三种不同的物料。（3）一效、二效、三效、二效、一次可以反复并锅收膏。（4）可以间歇、连接进料浓缩。（5）可以一次成膏，由第一效进料，经过第二效，第三效出来已一次成膏。

5、本浓缩器有特殊构造，浓缩出来的物料具有味道浓，膏质均匀。使物料在密封中无泡沫状态下进行浓缩，不易跑料，减少污染，当天物料当天浓缩完毕，不易结焦，清洗方便，打开加热器上下盖即可清洗，并节约劳力，一个可以操作。

6、本浓缩器与物料接触部位均采用不锈钢 SUS304 制造，加热器、蒸发器外面设有保温层，保温采用聚胺脂发泡，外表面磨砂亚光处理，符合 GMP 医药标准。



This concentrator is suitable for concentrating the fluid materials of traditional medicine, western medicine, grape sugar, starch, gourmet powder, food and milk products, chemical industry, especially for thermal sensitive matter low temperature vacuum concentration. Our factory has carried out the careful accumulation and meticulous design and reform and got more profits than the original characteristic. You can select the series concentrator in technical parameters according to your concentration degree.

本浓缩器适应于中药、西药、葡萄糖、淀粉、味精、食乳品、化工等液体的浓缩，尤其适用于热敏性物料的低温真空浓缩。我公司经过精心计算，周密设计改进后，比原来的特点效益更多。贵厂可根据浓缩量大小，来选用技术参数中系列浓缩器。

技术参数 Technology parameter

规格	型号	SJN-500	SJN-1000	SJN-1500	SJN-2000	SJN-3000
蒸发量 (Kgh)		500	1000	1500	2000	3000
蒸汽压力 (Kgh)				0.09		
蒸汽耗量 (Kgh)		200	400	600	800	1200
循环耗水量 (T/h)		5	10	13	15	18
蒸发温度 (°C) 一效		80-90				
蒸发温度 (°C) 二效		65-80				
蒸发温度 (°C) 三效		55-65				
真空度 (Mpa) 一效		-0.04				
真空度 (Mpa) 二效		-0.06				
真空度 (Mpa) 三效		-0.08				
外型尺寸长×宽×高(mm)		4000×1500 ×3300	5000×1600 ×3500	6000×1600 ×3700	6500×1700 ×4300	7500×2000 ×4500
容器类别		常压				