

SJN

SERIES DUAL-EFFECT ENERGY-SAVING CONCENTRATOR

系列双效节能浓缩器

1. Energy-saving profit: In case of SJN-1000, the saves respectively in the terms of vapor, water and electric per year are about 3500 tons, 90000 tons and 80000 watt, equal to RMB 100,000-150,000 Yuan.

2. The device uses the modes of outer-heated natural cycle and vacuum negative pressure evaporation featuring swift evaporation with concentration proportion of 1.2-1.35 (in case of normal China traditional immerse cream) without need of open-mouth pan for collection of cream.

3. The concentrator uses dual-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 50% 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.

4. Feature of multiple function handle: (1) The reclaimable alcohol concentration is about 80%. (2) The single-effect and dual-effect can time after time collect cream together. (3) The intermittent and continuous

material feeding is available.

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，一年节约蒸气约3500吨，节约冷却水9万吨左右，节约电8万度左右，折合人民币10-15万元。（与单效对比）。

2、本浓缩器采用外加热自然型循环式与真空负压蒸发方式，具有蒸发速度，浓缩比生大，可达1.2-1.35（一般中药浸膏），不需敞口锅收膏。

3、本浓缩器采用二效同时蒸发，二次蒸汽得到使用，贵厂既节省了锅炉的投资，节约能源消耗，耗能量与单效浓缩器相比降低50%，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）可回收酒精深度80%左右；（2）单效、二效可以反复并锅收膏；（3）可以间歇、连接进料。

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，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，一人可以操作。

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



The concentrator is suitable to concentrate the China traditional drug, west drug, dextrose, amylum, monosodium glutamate, food and milk product and chemical material, especially suitable to concentrate the thermal sensitive material under low temperature and vacuum. After our obvious. The client can choose the various concentrator in accordance with the concentration content.

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 (Kg/h)	500	1000	1500	2000	3000
蒸汽压力 (Kg/h)					
蒸汽耗量 (Kg/h)	250	500	750	1000	1500
循环耗水量 (T/h)	6	12	15	18	20
浓缩比重	1.2-1.4				
蒸发温度 (°C) 一效	80-90				
蒸发温度 (°C) 二效	55-70				
真空度 (Mpa) 一效	-0.06				
真空度 (Mpa) 二效	-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				