

STALWART

Lab Rotary Evaporator SRE-210



Double
temperature
protection

Introduction

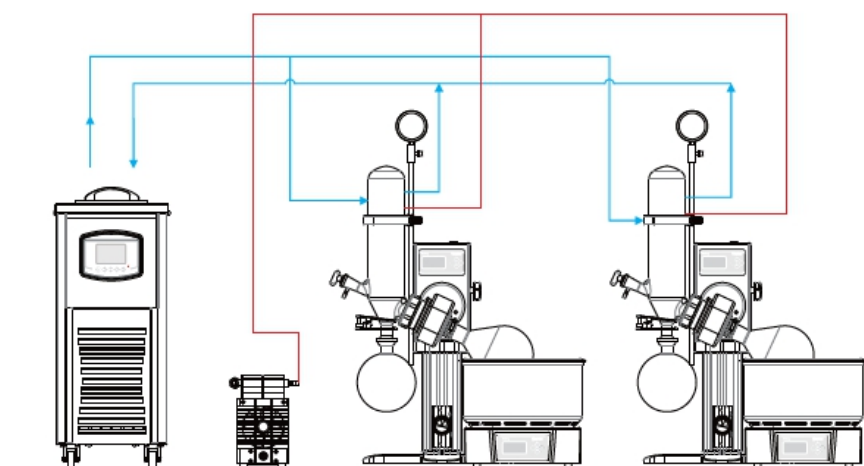
Rotary evaporators (also known as “Rotovaps”) are mainly used for distillations/separation applications often used for medicinal chemistry, pharmaceutical, chromatography, and petrochemical fields. In summary the system works by increasing the rate of evaporation of the solvent by

- Reducing the pressure to lower the solvent boiling point
- Rotating the sample to increase the effective surface area
- Heating the solution
- Then the evaporated solvent then condenses in a cooled glass condenser.

Features

- Simple design for one handed operation manually or automatically.
- A unique PTFE sealing system provides exceptional thermo stability, minimizes corrosion, and helps to ensure day in day out headache free operation.
- Our Bath offers a dual heating mode for water and oil with overheat protection.
- PID controller offers easy input of parameters and large LCD display for easy viewing.
- Vacuum regulator available.

High efficiency can be cycle used for two Rotary Evaporators



Standard : DIN-12880

Independent temperature safety equipment, 2 class (DIN12880).

Cooling

Reduce pressure

Working condition

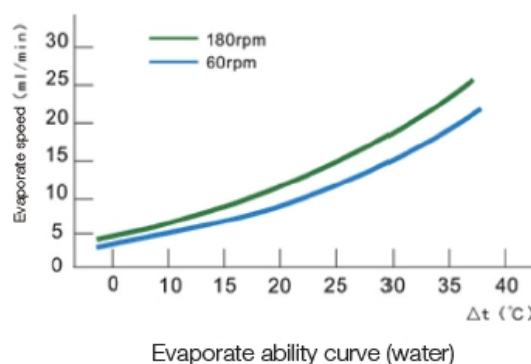
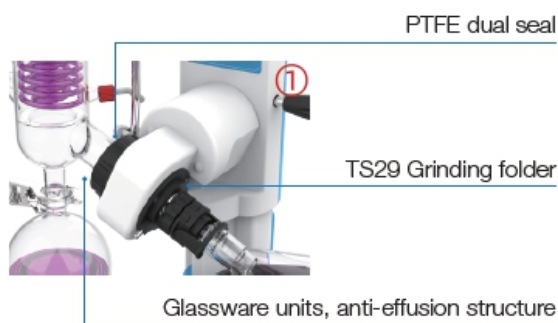
- Ambient temp 20°C , AC220V 50HZ

- 1L Rotary bottle, Water 500ml

- Water Bath temp: Set at 40°C

- Coolant (alcohol/water): set the temperature at 10°C

- Rotation speed: 120rpm



Specification

Item		SRE-210
Rotation speed		20 - 300rpm
Water bath temperature range		Water: RT+5 - 99°C , Oil: RT+5 - 180°C (Option)
Evaporating speed		22ml/min
Ultimate vacuum		8mbar
Speed setting		LCD display with knob
Lifting mode		automatic
Motor function		DC brushless motor
Main motor DC brushless		DC brushless motor
Condenser		Condensate Area 0.15m ² , 1L Rotary Bottle, 1L Collecting Bottle, TS29 / 38 Bottle Clamp
Rotary flask		1L
Vacuum seal		PTFE
Interior wather bath size.		φ230mm x130mm
Water bath material		SS304 with PTFE coated
Heating power		1000W
Temperature range		5 - 35°C
Electrical input		220V 50/60Hz