



Rotary Evaporator

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Vacuum gauge (Option)

Rotary Evaporator

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

- (1) reducing the pressure to lower the solvent boiling point
- (2) rotating the sample to increase the effective surface area
- (3) heating the solution
- (4) then the evaporated solvent then condenses in a cooled glass condenser.

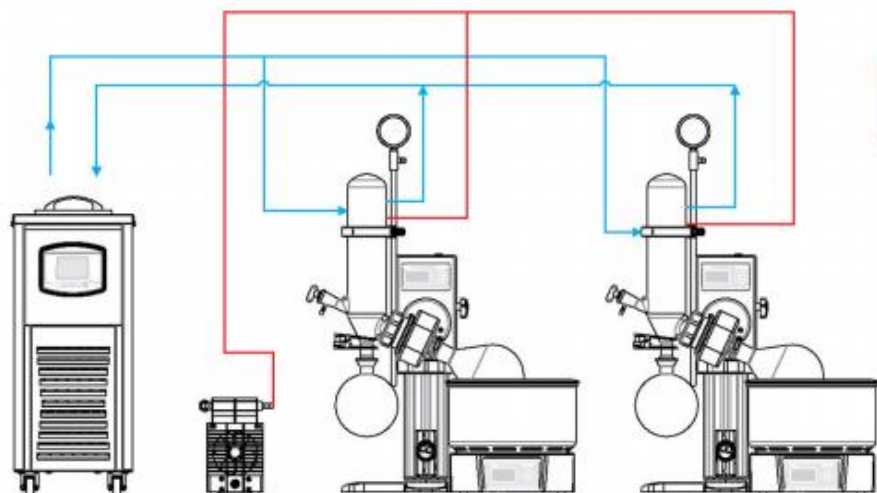
BEING Rotary Evaporator features

- Simple design for one handed operation manually or automatically.
- A unique PTFE sealing system provides exceptional thermostability, 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.



Double temperature protection

High efficiency can be cycle used for two Rotary Evaporators



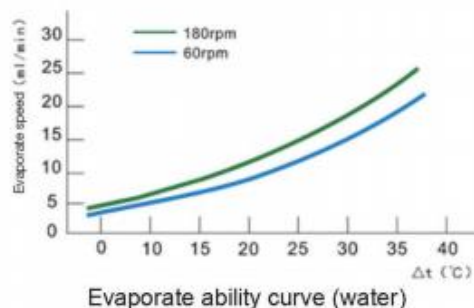
Standard :DIN-12880

Independent temperature safety equipment, 2 class (DIN12880).

Cooling ————
Reduce pressure ————

Working condition

- Ambient temp 20°C , AC 220V-240V, 60Hz
- 1L Rotary bottle, Water 500ml
- Water Bath temp: Set at 40°C
- Coolant (alcohol/water): set the temperature at 10°C
- Rotation speed: 120rpm



Technical parameters

Model		GentianaRV-21M	GentianaRV-21A
Performance	Rotation speed	20-180rpm	
	Water bath temperature range	Water: RT+5~99°C , Oil: RT+5~180°C (Option)	
	Evaporating speed	22ml/min	
	Ultimate vacuum	8mbar	
Features	Speed setting	LCD display with knob	
	Lifting mode	Manual	automatic
	Motor function	N/A	DC brushless motor
Structure and composition	Main motor DC brushless	DC brushless motor	
	Condenser	Snake Condensate Condensate Area 0.15m ² , 1L Rotary Bottle, 1L Collecting Bottle, TS29 / 38 Bottle Clamp, Ball Face S35 / 20	
	Vacuum seal	PTFE and Teflon Coating	
Heating bath	Interior wather bath size	φ 230mmx130mm	
	Water bath material	Stainless steel Corrosion resistant coating	
	Heating power	1000W	
Temperature range		5~35°C	
Electrical input		AC 220V-240V, 60Hz	



GentianaRV-5A



GentianaRV-10A



GentianaRV-20A

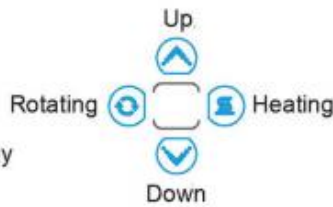


GentianaRV-50A

Features

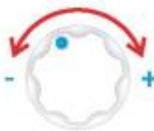


- Scheduled operation
- Rpm set/ display
- Temperature set/ display
- Running status



One-button operation

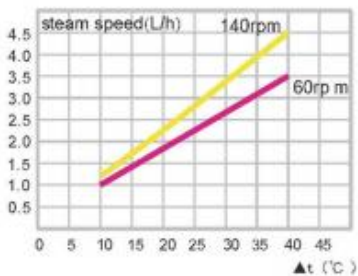
- ⏏ Long press to lift or lower the bath
- 🔥 Press to heat the bath
- 🔄 Press to start/ stop rotating



- Turn left/ right to control
- Press to confirm

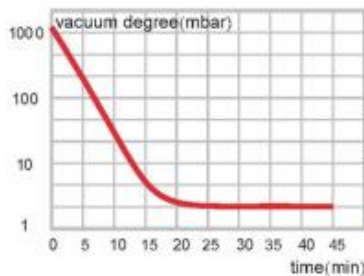
■ Evaporating ability

Ambient temperature: 20°C
 ▲t means: the difference between steam and water bath



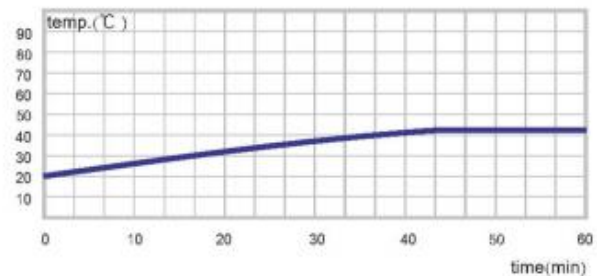
■ Vacuum degree

Vacuum pump required
 Flow rate:50L/min



■ Water bath heating

Ambient temp.: 20°C
 Medium:Water
 Power: AC 220V-240V, 60Hz
 Set:80°C



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