

## ○ Solvent Recovery Unit

Solvent Recovery Unit is an innovative product which used for steam condensation collection of organic solvents. It can be working combined with Sample pretreatment equipment such as Laboratory Parallel Evaporator/Concentration Meter, Rotary Evaporator, Vacuum Drying Oven, Vacuum Centrifugal Concentrator, Vacuum Suction Filter, Solid Phase Extractor, condense and recover the solvent steam ,meanwhile it can also used for purifying the exhaust gases from vacuum pump, to reduce the environmental pollution and take care of experimenter.



### Functions & Features :



#### Green & Environmental

Ethanol recovery rate>99%, dichloromethane recovery rate>98%.



#### Clean & Tidy

No risk of external glass broken, avoid the complex pipeline connection.



#### Anti-corrosion & Durable

PEEK, PTFE material and borosilicate glass.  
Resistant to hydrochloric acid and strong corrosive solvents.

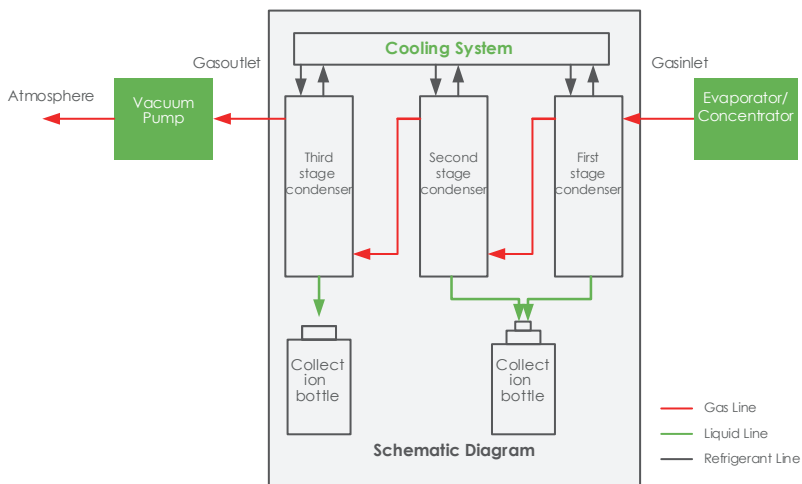


#### Easily & Facility

Easily connect and simply operated.  
Working status can be observed on 5-inch color LCD screen.

## Typical applications :

The solvent recovery instrument is connected between the evaporation and concentration equipment and the vacuum pump. The refrigeration system inside the equipment provides a low temperature environment to the condenser through the refrigerant. The organic solvent vapor enters the condenser and is condensed and liquefied. The liquid is collected by an external collection bottle. The solvent recovery instrument can also be connected to the exhaust port of the vacuum pump to condense and purify the organic solvent exhaust gas discharged by the vacuum pump.



Main Functional Parameters		eSR220s	eSR320s
Display Screen	5-inch color LCD touch screen	√	√
Condense Stage		Two stages	Three stages
Lowest Temperature	-20℃	√	√
Automatic Defrosting No.	Second, third stage defrosting alternating automatically	√	√
Of Collection bottle		1	2
Collection bottle Volume		1000ml	3000ml
Capability of Anti-corrosive	Resistant to hydrochloric acid and strong corrosive solvents		
Refrigerant	R404A		
Rated Power	AC220V 50Hz 5A		
Power Requirement	500W		
Overall Dimension	Length 340mm,Width 510mm, Height 715mm		