

# Procedure for the use of the solvent purification system

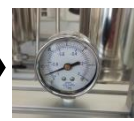
**Carreful : Wearing labcoat, lab glasses and gloves is compulsory - The purification system is always under vacuum.**

The fask that you are using should be dry, clean and inert. If not, you can use directly technical solvents.

- 1- Switch on the vacuum pump.  
Connect the flask and checked the stability.



PUMP



-25 to -30  
mmHg



- 2- Turn the valve from **closed** to **evacuate**  
(The flask will be under vacuum)



CLOSED



EVACUATE

- 3- Turn the valve from **evacuate** to **closed** and then **refill**  
(Flask under N<sub>2</sub>)  
Repeat step 2 and 3 to correctly inert your flask.  
Finish with **evacuate** for 15 sec. (flask under vacuum)



EVACUATE



CLOSED

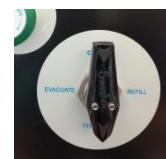


REFILL

- 4- Turn the flask toward **dispense** (Flask under vacuum)



EVACUATE



DISPENSE

- 5- Open the swagelock carefully toward OPEN position.  
(The solvent is entering inside the flask)  
Take the desire amount and close the swagelock toward CLOSE.  
(Flask under vacuum)



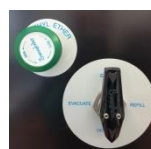
OPEN



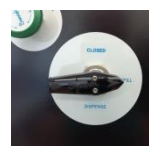
CLOSE

- 6- Turn the valve toward **Refill** and then CLOSE  
(The flask is under and the system closed)

**Be careful : don't go through Evacuate**



DISPENSE



REFILL



CLOSED

- 7- Remove and close the flask with a septum  
Shut off the pump - put the septum on the system

