

Vacuum Filtration Kit Setup



1. Unpack the vacuum pump and connect the mains cable to the pump cable.



2. Next built the retort stand, first screw the retort rod into the stand base.



3. Attach the bosshead to the rod, ensuring the space for the clamp is pointing upwards, in a U shape. Tighten the screw to hold in place.



4. Fit the clamp into the bosshead and tighten with the bosshead screw.



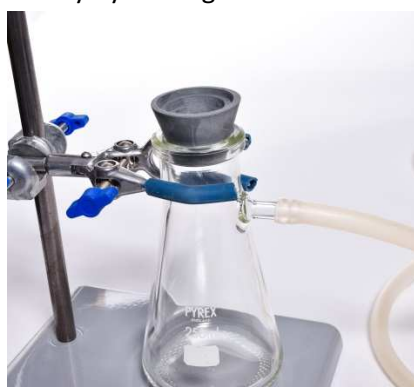
5. Clamp the filtration flask into place, making sure the flask base is flat and stable. Adjust the clamp to hold the flask steady by turning the screw.



6. Attach the larger diameter tubing to the flask arm. Remove the nozzle covers from the inline filter and attach the other end of the tubing to the filter.



7. Attach the smaller diameter tubing to the other side of the inline filter and connect to the vacuum pump on the barb labelled "vacuum".



8. Fit the filtration cones into the flask – you may not need all of the cones, but keep the rest safe so you can adjust your system to fit other flasks or funnels in the future.



9. Fit the Buchner funnel on top of the cones, and place your filter paper (not included) inside. Pour your solution carefully into the funnel and turn the pump on to start.