

Labconco Freeze Dryer Protocol

Samples must be completely frozen.

Acids should not be used.

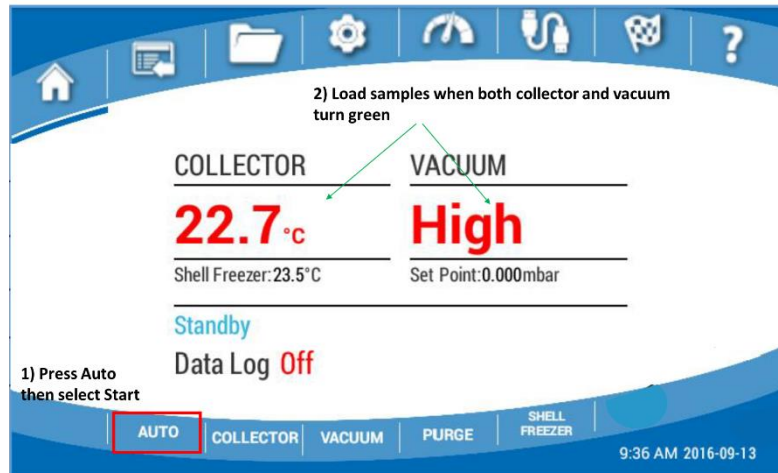
This system is not for samples with ethanol or methanol.

The maximum load is 3 L.

The sample's eutectic point should be above -60°C (No organic solvents except Acetonitrile).

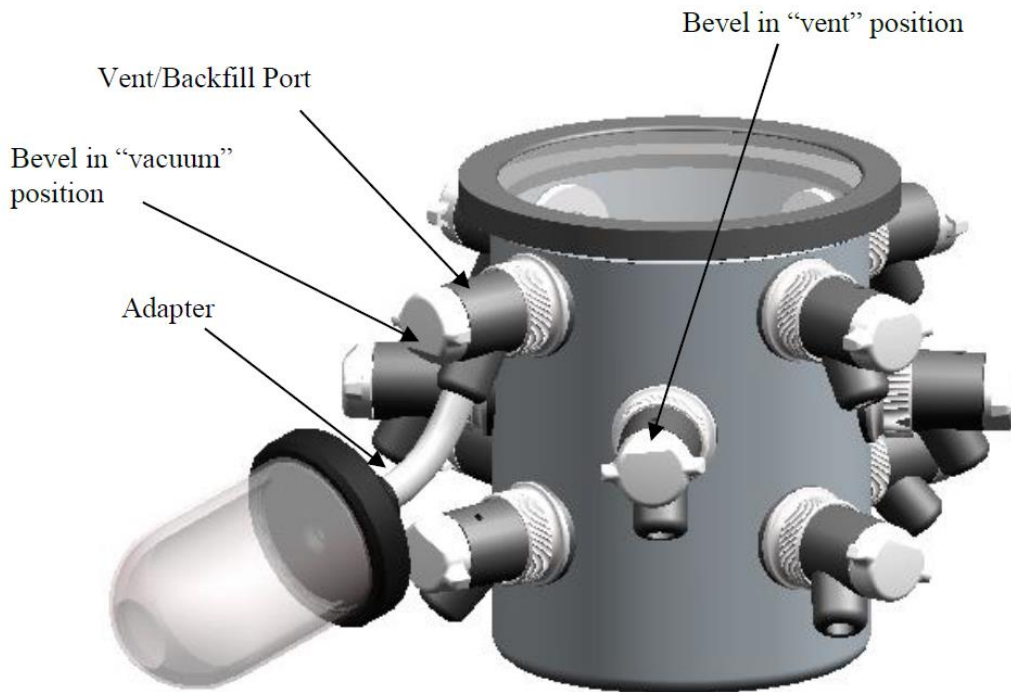
I. Start-up (**Not required until the system is off**)

1. Go to the touchscreen
2. Press Auto, then select Start
3. When the temperature and vacuum turn green, the instrument is ready to take samples



II. Adding samples

1. Connect a pre-frozen sample to a sample valve on the drying chamber using an adapter
2. Turn the plastic valve knob to “**VACUUM**” position to open the valve. **The bevel** on the knob should be positioned **toward the sample port**
3. Before adding another sample, allow system vacuum to return to 0.133 mbar (the color turns to green).



III. Remove samples

1. When a sample is dried, turn the plastic knob on the valve to the “**VENT**” position and remove the container.