



Vapor Pressure Helpful Tips:

Basics of your Vapor Pressure Unit (VPX):

- Is your unit taking longer than it should (10-13 minutes per run)?
- Is your unit giving Inaccurate results?
- Is your unit not taking in the sample?

Use arrow Keys to maneuver around the menus. Plus and Minus keys toggle between options. Enter key selects that option. Stop key is similar to an ESC key as it backs out of the menu.

Check the below settings before running a sample:

If you change any settings on this screen such as Measurement Cycle or Set Def. you Must hit RUN to save the settings. It will start a run and you can hit the STOP key at any time to go back to main screen.

From Main Screen select **Measure**, then select your Method (Example: **ASTM D6378**)

Measurement Cycle: 1

Rinsing Cycle:3

Tmeas: 100F

Tfill: 68F

Measurement Cycle: How many times you want the Unit to run the sample.

Rinsing Cycle: How many times you want the unit to rinse before drawing in the sample.

Tmeas: What temperature you want the sample to be measured at.

Tfill: What temperature you want the unit to fill the cell with your sample.

- **Choosing a specific method as your default:** select **Set Def.** -This allows you to choose 'run' from the main screen to run your sample instead of toggling into other menus.

Formula-Your formula will be displayed here.

PRINTING TIPS:

From the main screen select **POINT/RES** if you want to see your results.

If you want to print several results Highlight the last one you want and all results above it will be printed.

- **Do you want the results to show detailed results or simple results?** From main screen go to **Setup**, then go to **Maint**, then use Plus key (+) to go to **ResultMenu**----Right arrow over and make your selection by using your + or – keys. Arrow down to **OK**.

- **Would you like to setup your printer? Would you like to automatically print?** From the main screen, go to SETUP. (Using arrow keys to move you around on the screen and using + (plus) & - (minus) keys to toggle through your selections).

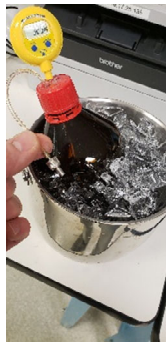
Go to AUTOM.RESOUT (This will print your results automatically if you prefer. (There are other selections such as Detailed Results (prn Det), or just a simple format (prn), or OFF (Does NOT print automatically until you choose for it print), etc.

Go to Interface -> then PRN style: Select your Printer (Citizen-Printer, Serial Printer, etc).

Exit (STOP Key or End to exit)

- **What is the best way to know the temperature of your sample** (refer to below picture).

Lollipop thermometer in sample at all times. Shake the sample every time you are about to use it. Check thermometer. If needed, we do sell the thermometers.



Chilled ICE BATH Pentane



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- **How many times should you rinse before running a sample?**

The standard is 3 rinses. I believe 3 is enough in most cases. After you make a run with n-Pentane to verify the unit, make 2 runs of your sample. Some customers choose 1-3 runs per sample.

- **There are a few things to check if the sample is not being introduced into the unit, stepper motor errors, overpressure errors, etc, ~ including the Bake Out procedure**

1) Ensure the sample tube is not split/damaged/blocked and is inserted into the sample. Try another tube if possible. We sell the tube w/ the luer (Part number 10124) and the tubing (Part number 10124T).

2) Clean inlet filter by unscrewing the inlet/filter housing and using acetone and canned air to clean the screen (filter) (O-ring goes down).

3) Rinse with Acetone or Toluene (if Possible).

4)BAKE OUT PROCEDURE ~ Press the buttons on the front of the unit – Shift (Hold down) & Right arrow key -This will take you to the Motor Test Menu, Press the "Pos2 1,7[ml]: 5950" (Raises piston to position 2), 2) Press Enter on "T-Ce" (temperature Cell)(This will turn on/off the temperature function), using "+" keyraise the "set Tcell" to 120 C. Wait until the temperature reaches 120°C and sits for about 5-15 minutes then Press "Vot" (Valve Outlet) and "Vin" (Valve Inlet) buttons several times to open and close to make sure they are functioning properly (and to try to break up any contaminates causing the valves to be stuck). If you have a vacuum pump, you can connect that to the outlet and suck out any contaminates as well (Make sure the "Vot" is highlighted-open). After the process is complete reset the "set Tcell" back to 20°C. Hit "End" to back out to the Main menu.

5) You can input a few bursts of canned air while the valves are open (Vot and Vin should be highlighted). DO NOT HOLD DOWN the canned air trigger...just quick short bursts.

- **Would you like to Remove a Username or Password?**

With instrument power **OFF**, Hold down your **STOP & RUN** keys (**Keep them pressed down**), Turn unit power to **ON**. Wait.....(15-20 seconds) until 3 Pop-up boxes appear. Choose the Right box (**IGNORE**), Hit ENTER.

