

ACCQPrep[®] HP150 Third Solvent Modifier Pump Installation Instructions

Part #695233927

October 9, 2019

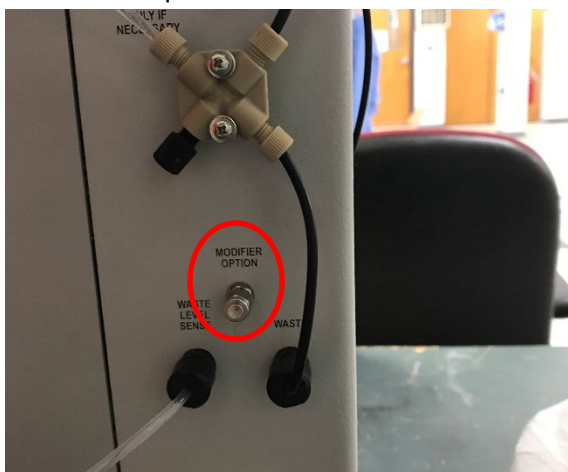
Overview:

The ACCQPrep HP150 is a HPPLC (High Performance Preparative Liquid Chromatography) instrument.

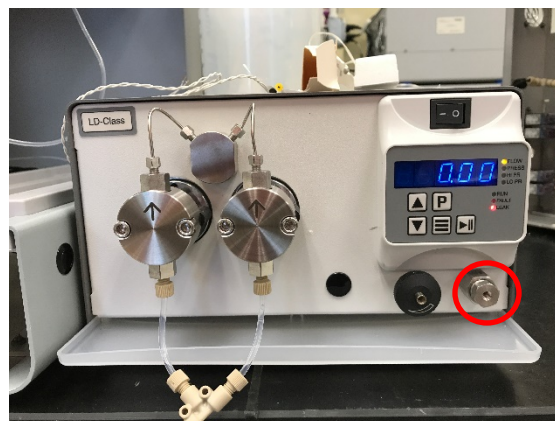
One of the available options on the ACCQPrep HP150 is to add an external pump to deliver a third solvent modifier.

Initial Set-up Instructions:

- 1) Place the modifier pump in a position where the supplied stainless steel (SST) tubing can reach the third solvent modifier pump on the back of the ACCQPrep as seen in the photo below.



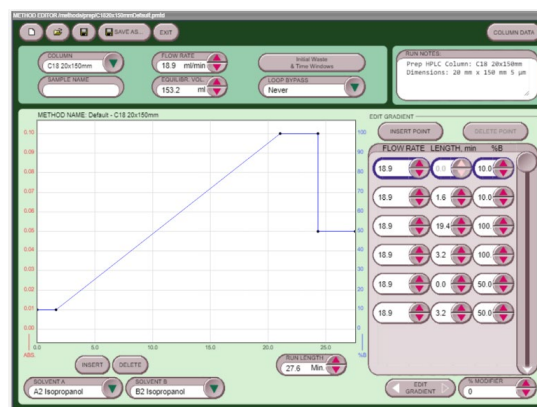
- 2) Remove the plug on the back of the ACCQPrep labeled MODIFIER OPTION with a 1/4" open wrench.
- 3) Use the supplied SST tubing and ferrules to connect it to the MODIFIER OPTION port on the back of the ACCQPrep.
- 4) Connect the other end of the SST tubing to the front port on the third solvent modifier pump as highlighted in the photo below.
- 5) Connect the supplied clear tubing to the inlet on the bottom of the pump heads and place the other end with the frit into the solvent of choice.
- 6) Use the provided USB cable to connect from the back of the 3rd solvent modifier pump to either the ACCQPrep or the USB hub on the back of the AutoSampler.



- 7) Connect the power cord from the back of the pump to a power source.
- 8) Turn the pump on.
- 9) Prime the Pump.
 - a. Place a 5-mL syringe on the black Prime port and rotate the counterclockwise to open.
 - b. Press the P button on the pump and withdraw the syringe to remove air from the pump.
 - c. Close the prime port and empty the syringe. Repeat until no more air is removed.
 - d. Press P to end prime.

Operation in PeakTrak

The third solvent modifier is controlled within the method editor of PeakTrak as shown below. The third solvent is fixed percentage up to 15%.



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