

Installing the ACCQPrep AI 5 AutoInjector

Overview

This instruction sheet will guide you through the installation of the ACCQPrep AI 5 AutoInjector into the ACCQPrep HP125 system.

Tools Required:

- 1/4" wrench
- #2 Phillips screwdriver
- #1 Phillips screwdriver
- Side cutters

Parts List:

Part	Part Number
AutoInjector	60-5237-098
Panhead Screws	231514303
Lock Washers	233210400
72" Black Tubing	023050309
15" Teflon Tubing	023050204
Cable tie	489010100

Installation

1. Turn OFF power to the ACCQPrep HP125 system.
2. Disconnect the power cord from the back of the unit.
3. Remove the cover panel on the right side of the instrument (Figure 1, L).
4. Carefully cut the plastic tie securing the AutoInjector power supply cable to the back of the panel (Figure 1, R).

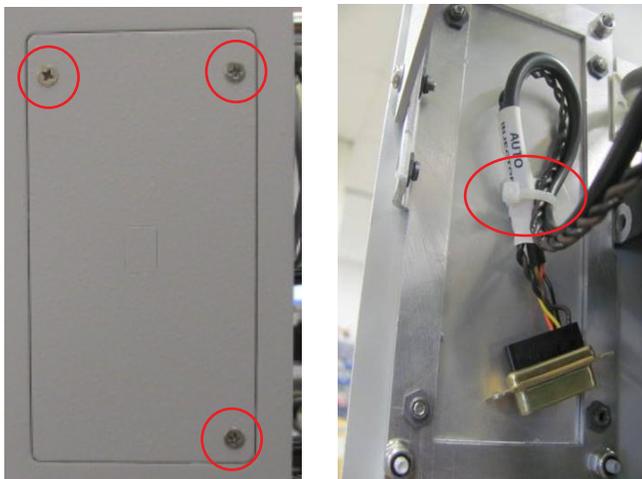


Figure 1: Cover panel (L) and cable tie (R)

5. Connect the AutoInjector power cable to the port on the back of the syringe drive and secure with the provided panhead screws and internal lock washers (Figure 2).

Note

If the power supply cable isn't long enough, you may need to access the back of the AutoInjector through the back panel of ACCQPrep HP125 system.

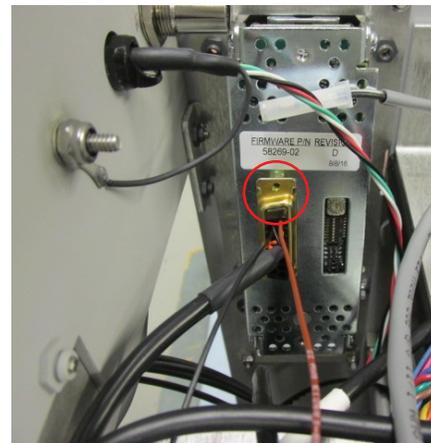


Figure 2: Location of screw placement on the syringe drive

6. Once the power supply cable is secured, you may now slide the AutoInjector Module into the ACCQPrep system. (Figure 3).

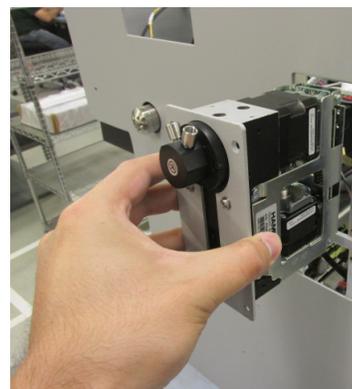


Figure 3: AutoInjector partially installed

7. Using the screws (removed in Step 3) attach the AutoInjector assembly into place.
8. The back panel may be reinstalled on the system if it was necessary to remove it.

- Thread the nut of the clear 15" Teflon tubing into the top left port of the AutoInjector. Thread the nut side of the black 72" tubing into the top right port of the AutoInjector (Figure 4).

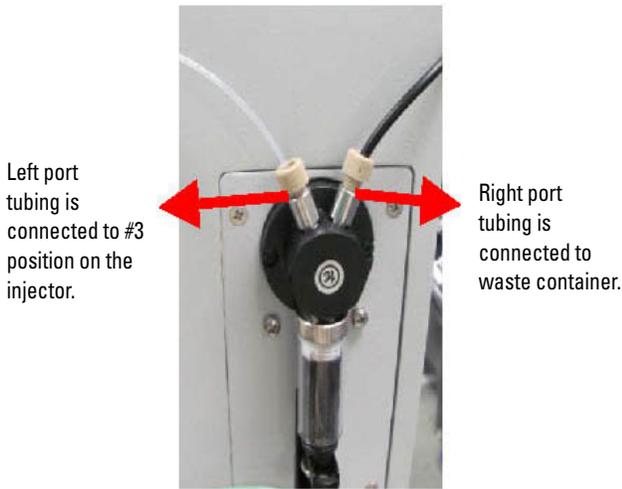


Figure 4: Tubing location on the AutoInjector Module

- Route the clear 15" Teflon tubing behind the sample loop, then connect it to port #3 of the Injection valve and tighten the metal fitting with a 1/4" wrench (Figure 5).

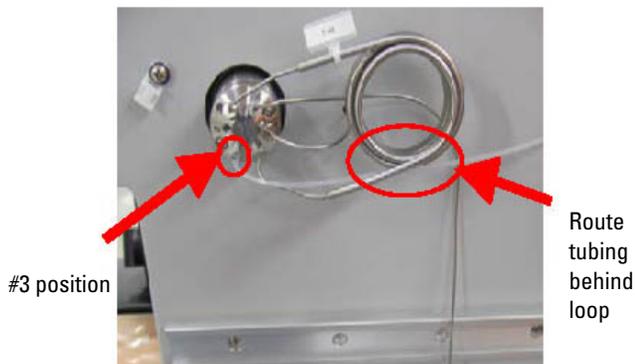


Figure 5: Tubing location

- Take the open end of the black tubing connected in Step 10 and route to a waste container or tee into the existing waste lines.
- The AutoInjector sample probe should be connected to Port #2 of the injection valve if the AutoInjector is being used without an AutoSampler. If an AutoSampler is being used, then the AutoSampler probe should be connected to Port #2 instead.

- Reconnect the power cord in the back of the unit and power the ACCQPrep ON.
- To verify that the system recognizes the presence of the AutoInjector, press the play button and the MULTIPLE INJECTION RUN screen will appear (Figure 6).

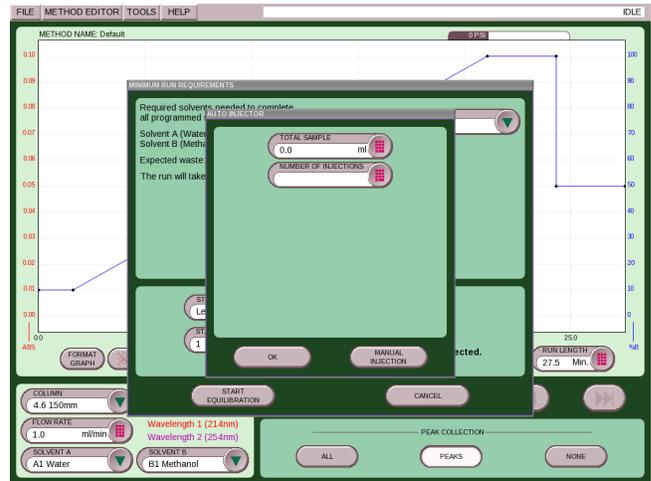


Figure 6: Multiple Injection Run screen

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Teledyne Isco

P.O. Box 82531, Lincoln, Nebraska, 68501 USA
 Toll-free: (800) 775-2965 • Phone: (402) 464-0231 • Fax: (402) 465-3001
 E-mail: IscoService@teledyne.com

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