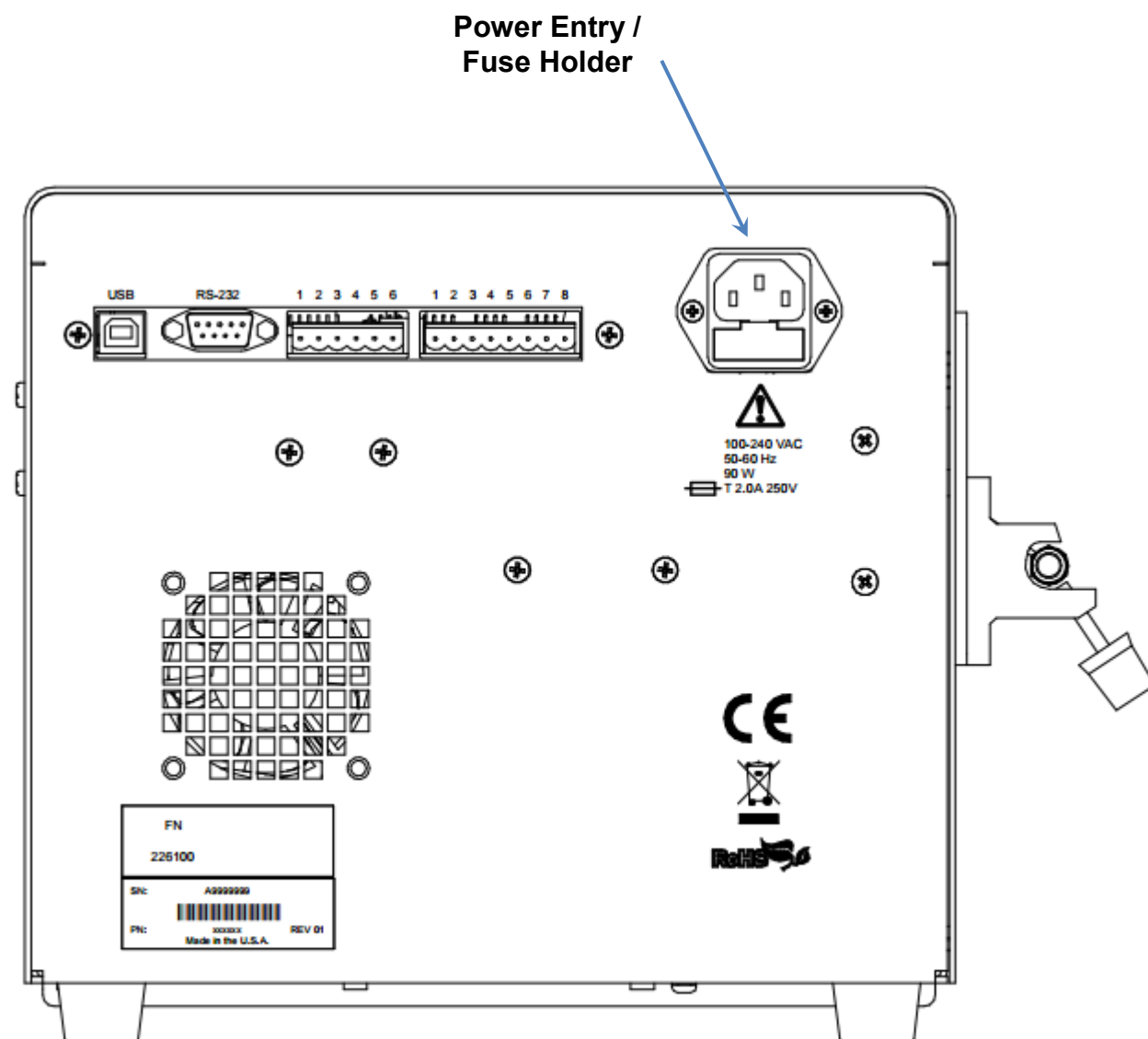


ELECTRICAL CONNECTIONS

USB and RS-232 ports are provided on the back panel. A computer with appropriate software can be used to control the pump operation remotely via these connections. See Appendix A in the manual for more details on connections and operation.



Quick Start Guide

BLS Class Pumps

903144 REV A



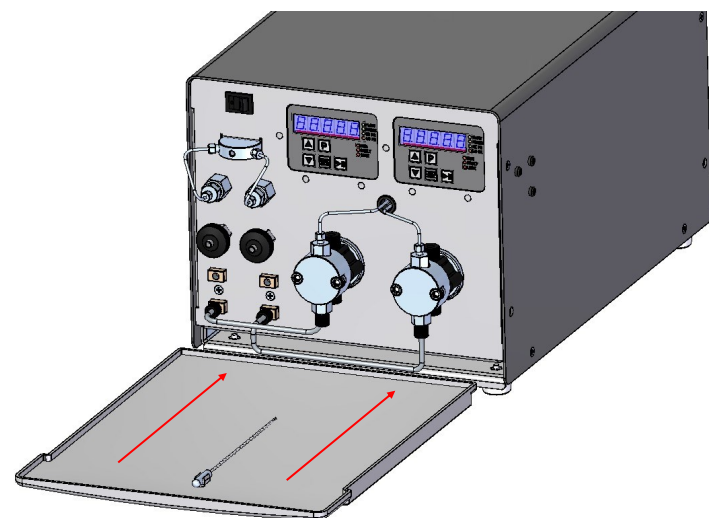
WARNING: Do not bypass the safety ground connection as a serious shock hazard could result.

SST

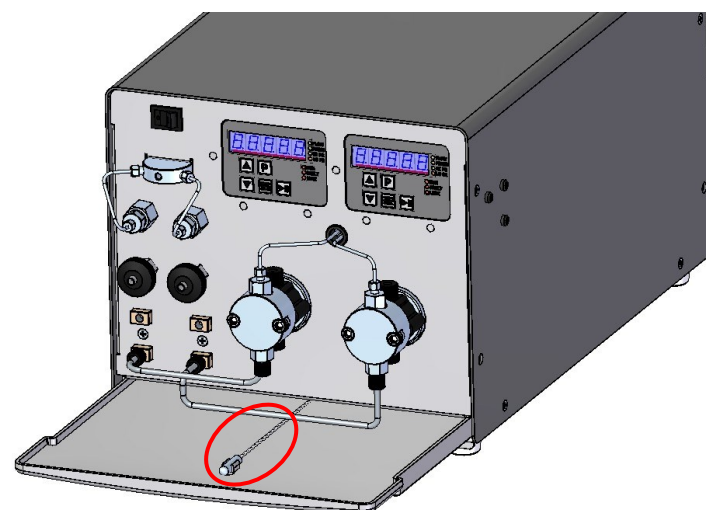
Scientific Systems, Inc. 349 N. Science Park Road State College, PA 16803
www.ssihplc.com Phone: 814-234-7311 Fax: 814-238-7532 Email: sales@ssihplc.com

LEAK SENSOR AND DRIP TRAY

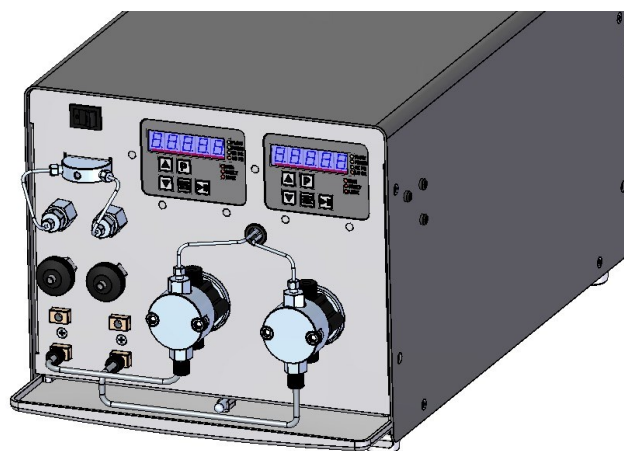
The drip tray does not ship installed; Locate the drip tray and slide it into its slot towards the bottom of the pump until it is fully installed. If the pump is supplied with a leak sensor, install this into the slot in the drip tray. Please note, the leak sensor is connected to the control board inside the pump; do not pull on the leak sensor or attempt to completely remove this from the pump unless it is first disconnected from the board.



The drip tray is to be installed in the slot near the bottom of the pump.



When the drip tray is about half way in; snap the leak sensor into place.



After the leak sensor is installed, the drip tray may be slid all the way back.

TUBING CONNECTIONS



CAUTION: Always release pressure from the pump slowly. A rapid pressure release could cause the pulse dampener diaphragm to rupture, if present. Please refer to "Priming the Pump and Flush Line" in the manual for more information.

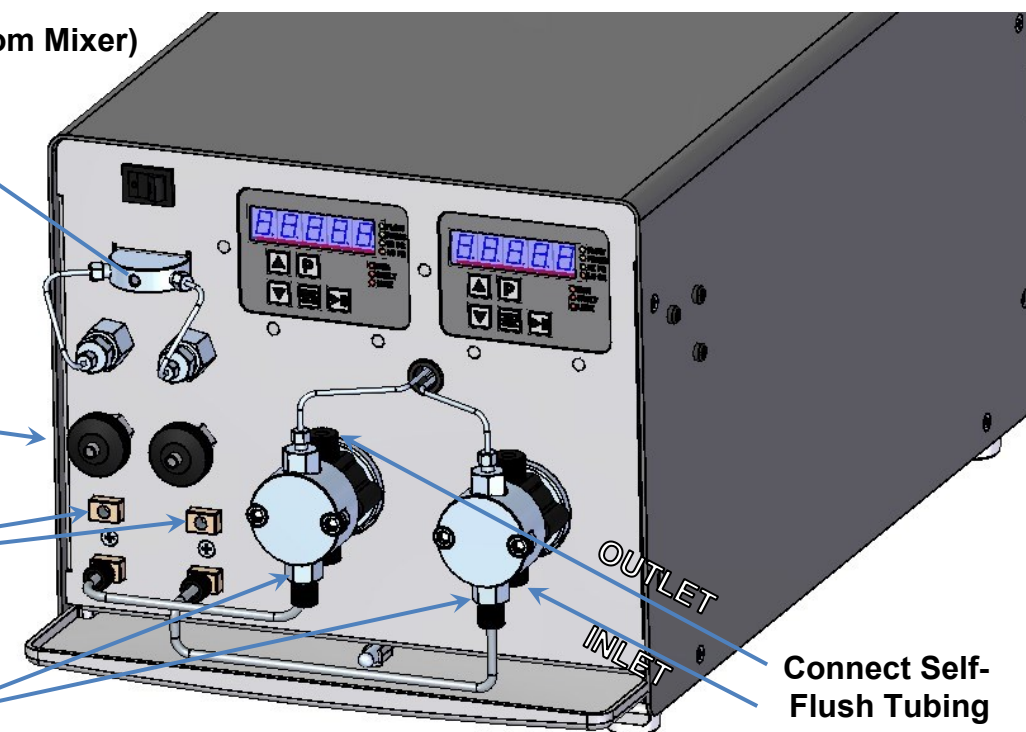
Prepare a self-flush solution of 250-500mL of either 100% IPA, 100% Methanol, 20% IPA/water mix, or 20% Methanol/water mix; these are the required choices for the flush solution. Do not use only water for the self-flush solution (e.g. DI water, tap water, filtered water), as water alone can cause abrasion of the high-pressure piston seal, as well as the self-flush seal. If there is any doubt about which self-flush solution to use, please consult the factory.

Outlet Connection (from Mixer)



Prime/Purge Valves

Connect Inlet Tubing to Degasser Inlets (NOTE: If degasser is NOT included, connect Inlet Tubing to Pump Heads.)



Self-Flush

- Connect self-flush solution **inlet** tubing to the **bottom-right** self-flush check valve, and the **outlet** tubing to the **top-left** self-flush check valve as shown.
- Note: The self-flush housings are interconnected at the factory for flow-through with a single inlet/outlet.**
- Attach syringe to **outlet** self-flush tubing using the supplied piece of short tubing.
- Draw syringe back to prime.
- After liquid has been pulled through the tubing into the syringe, remove syringe and place tubing in self-flush solution.

*Replace self-flush solution weekly.

Pump

- Connect pump inlet tubing as shown. *Make sure ferrule is in the correct position.*
- Attach syringe to Prime/Purge valve.
- Open Prime/Purge valve by turning knob counterclockwise one to two turns.
- Draw syringe back to prime. *Draw approximately 20 mL of fluid.*
- Press PRIME button (P), continue to draw on syringe until no bubbles are seen.
- Close Prime / Purge valve.
- Press PRIME button (P).
- Remove syringe. **Repeat procedure for second pump.**

*Replace solvent weekly.

