
M1-Class Pumps



Quick-Start & Safety Warnings

903031 Rev C



Teledyne SSI 349 N. Science Park Road State College, PA 16803
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Warning Symbols and Task Specific Hazard Warnings:

The following warning symbols are present to alert you to risks that can arise when you install, operate or maintain the M1 Class pumps. Such risks include chemical exposure, electric shocks, and others.

When the following symbols appear in the manual, as well as words such as “**CAUTION**, **NOTE**, or **WARNING**,” their accompanying text identifies the specific risks and explains how to avoid them. Teledyne SSI assumes no liability for the misuse of the information described in this manual in regards to installation, repair, or operation of the M1-Class pump and its components.

SAFETY SYMBOLS



CAUTION – HIGH VOLTAGE



CAUTION – REFER TO MANUAL



EARTH GROUND

SYMBOLES DE SÉCURITÉ



ATTENTION – HAUTE TENSION



ATTENTION – SE REPORTER AU MANUEL

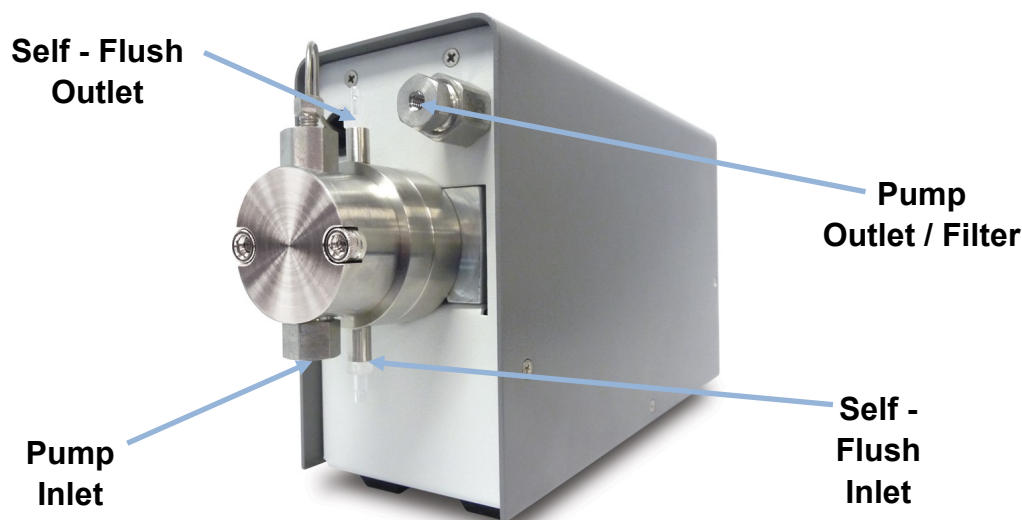


TERRE



TUBING CONNECTIONS

Solutions of 250-500mL of either 100% IPA, 100% Methanol, 20% IPA/water mix, or 20% Methanol/water mix 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, or there is an issue using one of the suggested solutions, please consult the factory.



Self-Flush

- Connect the self-flush inlet tubing to the self-flush inlet line.
- Draw the syringe back to prime.
- Draw approximately 20 mL of fluid.
- Remove the syringe and replace the small piece of tubing with the self-flush outlet tubing.
- Place the self-flush outlet tubing in the self-flush solution.

**Replace self-flush solution weekly.*

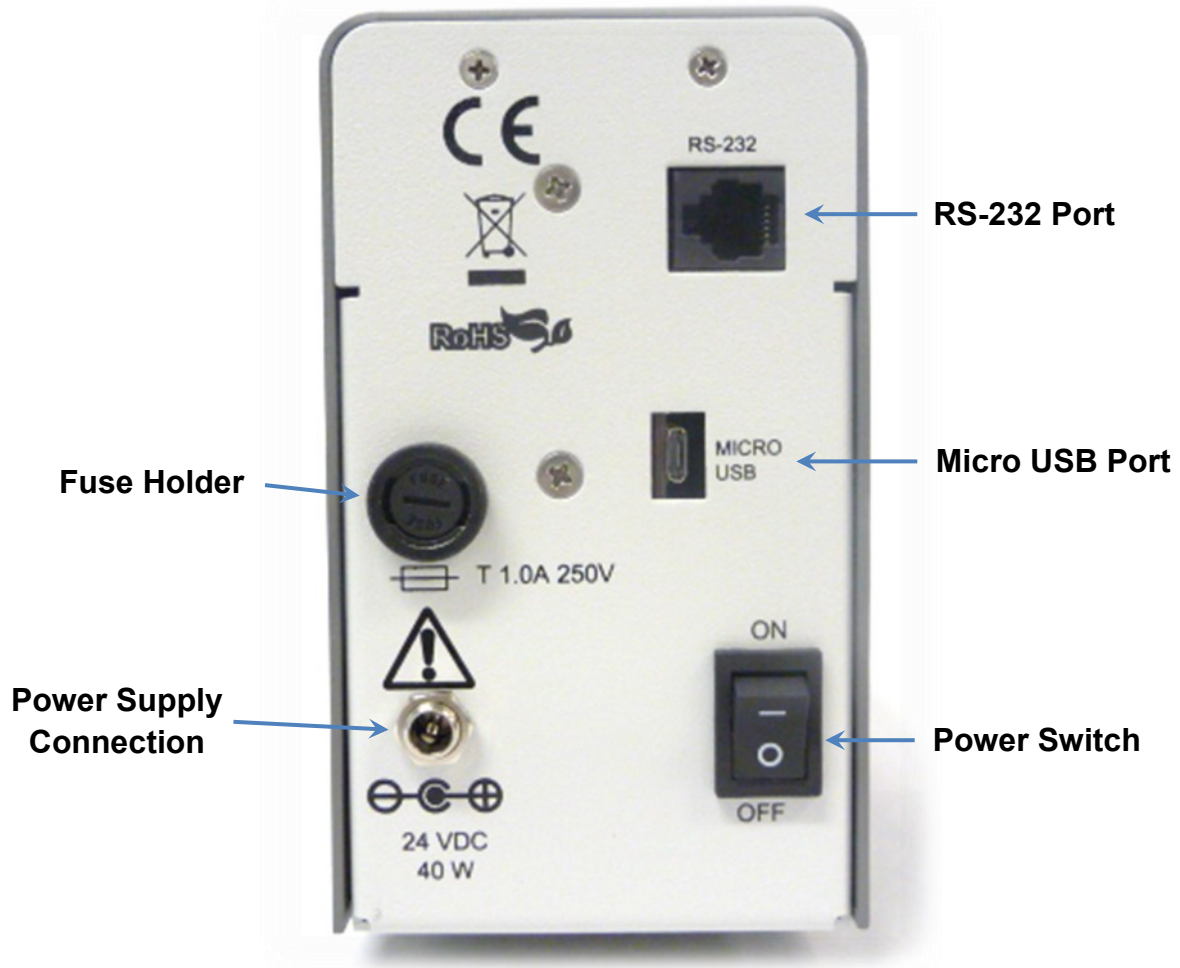
Pump

- Connect the pump inlet tubing to the pump inlet.
- *Make sure ferrule is in the correct position.*
- Attach the syringe to the outlet filter.
 - Draw syringe back to prime.
Draw approximately 20 mL of fluid.
 - Press the RUN/STOP button and continue to draw on syringe until no bubbles are seen.
 - Remove the syringe.
 - Connect outlet tubing.

- The pump is ready for operation.
**Replace solvent weekly.*



ELECTRICAL CONNECTIONS



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

For your operator manual please visit: [Documents, Manuals, and Downloads - Teledyne SSI](http://www.teledynessi.com/manuals) (www.teledynessi.com/manuals)

Issues may often be resolved without returning the instrument to the service center. Please call the applicable Repair Services number below prior to requesting a RMA.

Company Contact Information

Teledyne SSI

349 Science Park Road
State College, PA 16803

800-441-HPLC (4752)

Technical Support: 814-234-7311

Sales: Option 2

Technical & Service Support: Option 3