

TOP 10 F.A.Q.'S



CONTACT US TODAY!

P: 800.223.3388

E: Pumps@fluidmetering.com
www.fluidmetering.com

Follow Us On Social Media
@FluidMetering



5 Aerial Way, Suite 500,
Syosset, NY 11791

1.

Q. How does the TRYTON compare to other Fluid Metering pumps?

A. All other Fluid Metering products are rotating and reciprocating pumps. The TRYTON is a hybrid in-line pump, with syringe pump capabilities. The TRYTON can do discrete dispenses ranging from less than 1µL all the way up to 150µL.

2.

Q. What is the dispense resolution of the TRYTON?

A. 32nL per full step.

3.

Q. What are ideal applications for the TRYTON?

A. Any application requiring a high level of accuracy and precision at very small volumes.

4.

Q. Is the flow from the TRYTON pulseless?

A. Yes, with up to 98% flow stability.

5.

Q. Can the TRYTON do non-contact dispensing?

A. Yes, down to 1µL.

6.

Q. What tube diameter and tip size is recommended?

A. 1/16"OD x 1/32" ID hard tubing, 22-26 gauge dispense tip (varies per application).

7.

Q. What fluids or reagents are compatible with the TRYTON?

A. The TRYTON is compatible with many fluids and can be configured to best fit your needs. We're happy to test your reagents for chemical compatibility.

8.

Q. What can be done to increase the lifetime of the TRYTON?

A. No maintenance is required. However, after using any fluid that might crystalize or precipitate, it is best to run a flush cycle if the pump will be idle.

9.

Q. What is best way of priming the system?

A. We recommend using a priming pump (see Fluid Metering STF pumps). Alternatively, the TRYTON can self-prime with the use of dual valves (not included). A gravity-fed system can also be used.

10.

Q. Is there any performance data available?

A. Yes, please contact one of our sales associates for more information.



Fluid Metering's facility is certified to the ISO 9001:2015 international standard. Product components are manufactured to meet EU RoHS and REACH compliance requirements.