

## TOP 10 F.A.Q.'S



### CONTACT US TODAY!

P: 800.223.3388

E: [Pumps@fluidmetering.com](mailto:Pumps@fluidmetering.com)

[www.fluidmetering.com](http://www.fluidmetering.com)

Follow Us On Social Media  
@FluidMetering



5 Aerial Way, Suite 500,  
Syosset, NY 11791

- 1. Q. How does the FDD compare to other Fluid Metering pumps?**  
A. All other Fluid Metering products are rotating and reciprocating pumps. The FDD is a hybrid in-line pump, with syringe pump capabilities. The FDD can do discrete dispenses ranging from less than 1µL, all the way up to 150µL.
- 2. Q. What is the dispense resolution of the FDD?**  
A. 32nL per full step.
- 3. Q. What are ideal applications for the FDD?**  
A. Any application requiring a high level of accuracy and precision at very small volumes.
- 4. Q. Is the flow from the FDD pulseless?**  
A. Yes, with up to 98% flow stability.
- 5. Q. Can the FDD 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 FDD?**  
A. The pump head can be configured with PEEK, PVDF, or PTFE, and a variety of seal materials, to best fit your needs. We can also test your reagents for chemical compatibility.
- 8. Q. What can be done to increase the lifetime of the FDD?**  
A. No maintenance is required. However, after using any fluid that might crystallize 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 FDD 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.