

TOP 10 F.A.Q'S

FOR FDD DIRECT DRIVE



Patent pending

CONTACT US TODAY!

P: 800.223.3388

E: Pumps@fluidmetering.com

www.fluidmetering.com

Follow Us On Social Media

@FluidMetering



1.

Q. How does the FDD compare to other FMI pumps?

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

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 1uL.

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 FMI 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.

