

TOP 10 F.A.Q.'S



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1.

Q. What is the FENYX+™ Pump?

A. The FENYX+ Pump is built on Fluid Metering's (FMI) proven CeramPump® technology and provides highly precise, variable-volume dispensing through electronic adjustment of the piston angle. It enables a wide dispense range and higher flow rates without hardware changes, delivering consistent, repeatable fluid handling in a single flexible platform.

2.

Q. How does the FENYX+ Pump differ from standard fixed dispense pumps?

A. Unlike fixed dispense pumps, the FENYX+ Pump allows dispense volume to be adjusted electronically. This enables one pump to support multiple dispense volumes—ranging from small, high-precision doses to larger bulk deliveries—without changing pump hardware.

3.

Q. Can the FENYX+ Pump replace syringe pumps?

A. The FENYX+ Pump can be used in applications traditionally served by syringe pumps. In these cases, the ability to adjust dispense volume electronically can reduce system complexity and eliminate the need for multiple syringe sizes. Suitability depends on application requirements and system architecture.

4.

Q. Does the FENYX+ Pump support both small and large dispense volumes with one pump?

A. Yes. The FENYX+ Pump allows users to electronically adjust dispense volume, enabling one pump to support a wide operating range. This can reduce the need for multiple pump types within a system.

5.

Q. Can the linear actuator motor and 23-frame stepper motor be used at the same time?

A. It is recommended only one should operate at a time.

6.

Q. What types of fluids can the FENYX+ Pump handle?

A. The FENYX+ Pump is designed for a wide range of fluids, including aqueous solutions, buffers, and select chemistries. For aggressive, low-surface-tension, or crystallizing fluids, FMI's engineering team works with customers to confirm compatibility and long-term reliability.

7.

Q. How easy is it to integrate the FENYX+ Pump into an existing instrument?

A. The FENYX+ Pump is engineered to integrate with most instrument systems. FMI's engineering team is prepared to support integration and can provide wiring diagrams, dimensional drawings, or application guidance upon request.

8.

Q. What maintenance is required for the FENYX+ Pump?

A. The FENYX+ Pump leverages FMI's proven CeramPump® technology to eliminate wear and reduce maintenance requirements. Designed for long service life, it delivers consistent, repeatable performance over extended operating cycles that often exceed the life of the instrument.

9.

Q. How does the FENYX+ Pump maintain accuracy over long operating cycles?

A. The FENYX+ Pump maintains accuracy over long operating cycles through precision ceramic wetted components that resist wear and help minimize calibration drift.

10.

Q. What applications is the FENYX+ Pump best suited for?

A. The FENYX+ Pump is well suited for dispensing and chemical delivery applications requiring both process and maintenance cycles, supporting variable dispense volumes, high precision at low volumes, and scalable delivery on a single pump platform.



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.