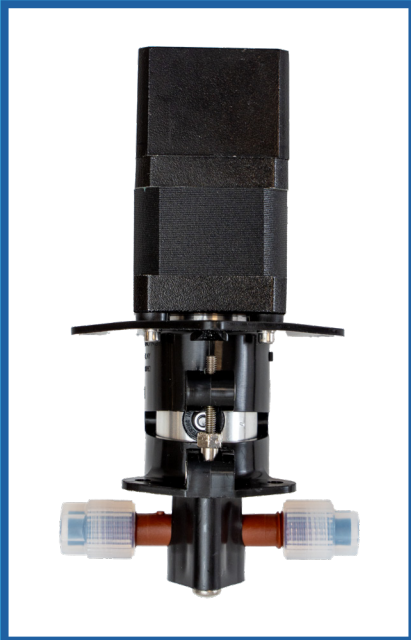


**TOP 10  
F.A.Q.'S**



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**1.**

**Q. What is a Metering Pump designed for?**

A. The Metering Pump is built on Fluid Metering's (FMI) proven CeramPump® technology and is engineered for precise, repeatable fluid dispensing and continuous flow applications where flow rate is the most critical performance factor. It is ideal for automated filling, dosing, and bulk fluid transfer processes.

**2.**

**Q. How is a Metering Pump configured?**

A. The Metering Pump is configured by selecting the appropriate drive module and pump head combination based on application requirements. Pump head selection is primarily driven by the required flow rate, with larger piston sizes typically chosen to achieve higher flow capacity, along with consideration for port size and system integration.

**3.**

**Q. What types of applications is the Metering Pump best suited for?**

A. The Metering Pump is well suited for applications that require consistent, controllable flow rather than single-shot dispensing. Typical uses include fluid filling, reservoir charging, and bulk fluid transfer.

**4.**

**Q. How is flow rate selected for a Metering Pump application?**

A. Metering Pump flow rate is determined by selecting the appropriate pump configuration and piston size for the required output range. Continuous metering applications are typically sized to the target flow rate rather than dispense volume. FMI's stepper-driven pumps support both dispensing and continuous metering, while BLDC motor configurations are available for higher-speed and continuous-duty operation.

**5.**

**Q. Can the flow rate be adjusted on the Metering Pump?**

A. Yes, the flow rate can be adjusted on the Metering Pump if using the variable speed motor option. A 0-10 V DC voltage controller can adjust the motor rpm between 0-2,000 rpm.

**6.**

**Q. Can you adjust the speed on the Metering Pump?**

A. Yes, FMI offers both a fixed speed and voltage controlled variable speed option.

**7.**

**Q. Is the Metering Pump suitable for intermittent operation?**

A. Yes. The Metering Pump is well suited for intermittent-duty cycles, such as batch filling or step-based production processes, where the pump runs periodically rather than continuously.

**8.**

**Q. Can the Metering Pump support submerged dispensing into liquid?**

A. Yes. The Metering Pump is well suited for submerged dispensing applications, where fluid is delivered below the liquid surface. This approach can enhance dispensing consistency and is often preferred in applications requiring controlled, accurate fluid transfer.

**9.**

**Q. How is the Metering Pump head operated?**

A. Connecting to a 24 V power supply is all that is required to operate a Metering Pump.

**10.**

**Q. Is the Metering Pump suitable for OEM integration?**

A. Yes. FMI works extensively with OEM customers and often provides custom or semi-custom configurations tailored to the needs of a specific device, including medical and diagnostic platforms.



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.