

TOP 10 F.A.Q.'S



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STFQ ADJUSTABLE DISPLACEMENT DISPENSING PUMP

1.

Q. What dispense volumes are available for the STFQ pump?

A. 250µL/rev to 1250µL/rev.

2.

Q. How does the STFQ compare to the older style STQ pump?

A. The new STFQ pump incorporates our patented eccentric bushing adjustment and fixed link technology, allowing users to make precision adjustments at the point of installation.

3.

Q. How do you make calibration adjustments to the STFQ pump?

A. Micro adjustments can be made to the STFQ pump by rotating the eccentric bushings. The adjustment range per pump will vary based on the pump head size.

4.

Q. What is the maximum suction height achievable for the STFQ pump?

A. Max suction height is dependent on the specific stroke volume. Typically our pumps can pull 10-15 ft H₂O.

5.

Q. What motor options are available for the STFQ pump?

A. Stepper (standard), BLDC, and DC Brushed.

6.

Q. What is the maximum viscosity the STFQ pump can handle?

A. Our pumps have been known to pump up to 300,000 cSt. Please consult with our Fluid Metering team for pumping high viscosity fluids.

7.

Q. How customizable is the STFQ pump?

A. The STFQ's port type, orientation, materials, and motors are customizable.

8.

Q. What is the lifespan of the STFQ pump?

A. Under typical operation, the lifespan of the STFQ pump is 90 million cycles.

9.

Q. What does the software look like for the STFQ pump?

A. A configuration tool is accessible to quickly help OEM's get up and running for development and prototyping. The software is easy to download at fluidmetering.com/support-downloads.

10.

Q. Can you pump crystallizing fluids with the STFQ pump?

A. Yes, the STFQ pump can pump crystallizing fluids. If necessary, we offer flush ports on the STFQ pump that can be activated at the factory to help prevent crystallization.



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.