

UNLOCK EFFICIENCY WITH TWIN SCREW PUMP TECHNOLOGY

Because your process deserves the best!

Elevate your life science process with our advanced twin screw pump technology

THE FDS SERIES

Why Choose Fristam Twin Screw Pumps?



● Efficiency

Streamline your processes and reduce operational costs

● Flexibility

Adapt to various products and applications with ease

● Reliability

Count on robust performance for your most critical processes

Here's why you should make the switch to a Fristam twin screw pump:



Designed for versatility, efficiency, and reliability.

1. Versatile Speed Range

Our twin screw pumps operate at a wide range of speeds, allowing you to customize flow rates to meet your specific application requirements. Whether you need high speed for rapid transfers or low speed for delicate flow conditions, our pumps consistently deliver.

Model	Nano	FDS 1	FDS 2	FDS 3	FDS 4
Max discharge pressure (PSI)	145	290	363	363	363
Maximum flow rate (gpm)	2.2	88	176	440	793
Max rotation speed (RPM)	4,000	3,600	3,600	3,600	3,600

2. Dual Functionality

Seamlessly transfer both process fluids and Clean-In-Place (CIP) solutions with a single pump. This eliminates the need for extra pumps in your system, simplifying installation and reducing maintenance costs.



3. Gentle Handling of Shear Sensitive Products

Twin screw pumps offer smooth, low pulsation flow by design and are perfect for shear sensitive applications. Fristam twin screw pumps ensure that your delicate products are transferred without damage, preserving their quality and integrity.



4. Unmatched reliability

Proven efficiency in critical operations from cell culture media to protein purification. Perfect for biopharmaceutical and life science processes requiring precise care.

5. Customizable Screw Pitches

With multiple screw pitches available, our twin screw pumps are capable of handling a wide range of products—from thin liquids to more viscous materials with variegates. Tailor the pump to your needs for optimal performance.



6. Easy Maintenance at an Affordable Price

Featuring a cartridge seal for easy maintenance, our FDS pumps allow for quick and straightforward servicing, minimizing downtime and keeping your processes running smoothly. Plus, with our common wear parts priced significantly lower than the competition, you'll enjoy top performance without breaking the bank.

