

THE SIRIUS SERPEN TWIN FLOW

ONE PUMP. TWO CHEMICALS. ZERO COMPROMISE.



Tired of running two separate pumps, double the plumbing, and twice the maintenance?

The Serpen Twin Flow changes the game. It delivers precise, independent injection of two different chemicals, each with its own flow rates and pressures, all from a single, rugged dual-head pump. The result: slashing equipment count, lowering installation costs, reducing footprint, and minimizing field maintenance.

Compatible with Fusion2™, Comet2™, and Fusion3™ systems, the Serpen Twin Flow is rated for a maximum operating pressure of 3000 psi.

KEY FEATURES

Advanced Dual-Seal Technology

- Seal life averages 4 years with zero tightening required and reduced maintenance.
- Soft-seat check valves improve low RPM performance, delivering accurate low-rate injection.

Zero Mechanical Adjustments

- Single-button rate changes
- Self-guided calibration

1000:1 Turndown Ratio

- Precision injection control for a wide range of applications.

Operating Temperature

- -45 °C to 60 °C (-49 °F to 140 °F)

Control & Communication

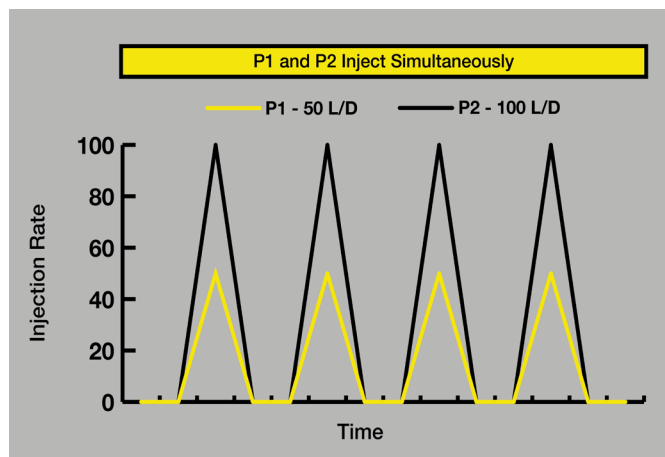
- Fusion2™ Controller
- Sirius IIoT Connect Platform
- MODBUS RS-485
- 4–20 mA rate control

Area Classification

- Rated for C1D1, C1D2, and General Purpose

A Decade of Continuous Improvement

Ten years of engineering, testing, and real-world application have shaped a solution built to perform.



Graph showing two injection points, each at an independent rate, dosing simultaneously from a single dual-head pump

HOW IT WORKS

One dual-head pump. One controller. Two completely independent injection streams.

A smart suction valve assembly lets each head turn on and off independently. When one side is idle, the opposite head keeps moving fluid without interference.

What that means for you is precise, reliable chemical injection with half the equipment, half the leak points, and far less operator time in the field.

