

INDUSTRIAL

Manufacturing Plants, Industrial Processing

Process Water Treatment, Process Additives

Stenner peristaltic metering pumps inject solutions such as hydrogen peroxide or sodium hypochlorite for oxidation or sanitization to treat the water supply to produce the quality of water needed for a process. Also, additives specific to the industrial or manufacturing process may need to be introduced and Stenner pumps provide reliable and accurate injection.

Corrosion and Scale Control

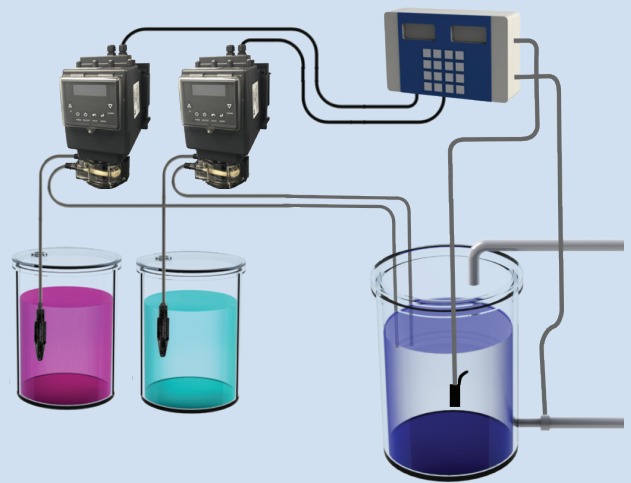
Corrosion damage to pipes can lead to leaks and the formation of scale on the inside which reduces the area available to carry water. Stenner pumps can inject polyphosphates and biocides such as chlorine and bromine at full strength or diluted for corrosion and scale control.

pH Adjustment

The pH level in water largely impacts how the water will affect equipment and/or it can impair oxidation. Stenner pumps offer activation options for injecting solutions such as sodium carbonate, sodium hydroxide, and acidic products for pH adjustment.

Wastewater Treatment

Wastewater from processing must be treated before it can be safely returned to the environment. Oxidizers are injected to break down organic compounds, flocculants are used to form large particles for simple filtration. Acids or alkalines can be introduced for pH adjustment.



THE STENNER PUMP ADVANTAGE

- ▶ Self-priming
- ▶ No vapor lock from off-gassing solutions
- ▶ No loss of prime
- ▶ Simple tube replacement
- ▶ Output reproducibility
- ▶ Output volume unaffected by back pressure
- ▶ Suction lift 25'

S SERIES



Highlights

- Interfaces with process control system
- Three programmable output relays
- Totally enclosed housing, NEMA 4X
- Brushless DC motor
- Modbus capable

Key Features

- Backup pump capability
- Tube leak detection
- Tube change timer
- Standby

Key Modes of Operation

- 4-20mA (scalable, invertible)
- PPM Feed Hall Effect
- Manual

Flow Rate Outputs

GPD	PSI
315	25
125	100
LPD	BAR
1192	1.7
473	6.9
maximums	

S420



Highlights

- 4-20mA input or manual activation
- Totally enclosed housing, NEMA 4X
- Backup pump capability
- Tube leak detect
- LED pump status indicators
- Three dedicated output relays
- Remote start and transfer
- Brushless DC motor

- 4-20mA - 100:1 Turndown
- Manual - 20:1 Turndown

Flow Rate Outputs

GPD	PSI
315	25
125	100
LPD	BAR
1192	1.7
473	6.9
maximums	

S VARIABLE



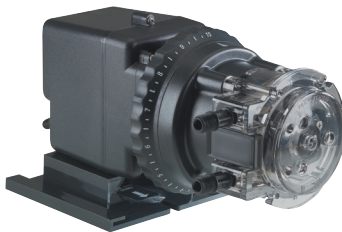
Highlights

- LED pump status indicators
- Tube leak detect
- Three dedicated output relays
- Remote start and transfer
- Backup pump capability
- 20:1 turndown
- NEMA 4X
- Brushless DC motor

Flow Rate Outputs

GPD	PSI
315	25
125	100
LPD	BAR
1192	1.7
473	6.9
maximums	

CLASSIC ADJUSTABLE or FIXED



Highlights

- Electromechanical
- Adjustable
 - External dial ring
 - 20:1, 2.5% increments
- Interchangeable models
- Access sub-components, no tools
- Tank System available

Flow Rate Outputs

GPD	PSI
85	25
40	100
LPD	BAR
322	1.7
151	6.9
maximums	

ECON LD



Highlights

- Low volume, accurate dosing
- 50:1 turndown
- Enclosed housing
- Tank System available

Flow Rate Outputs

Oz/Hr	PSI
50.7	80
mL/Hr	BAR
1499.4	5.5
maximums	