

STENNER PUMPS

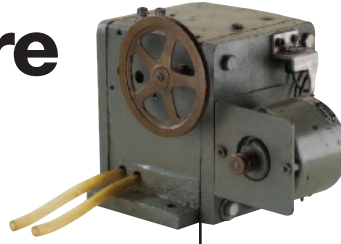


METERING PUMPS | TANK SYSTEMS | METER SYSTEMS

FLORIDA NEW YORK KANSAS

Manufacturing Since 1957

Stenner Pumps are Built with a Good Work Ethic



From the first bronze prototype in 1957, Gustav Stenner was meticulous about design and the manufacturing process.

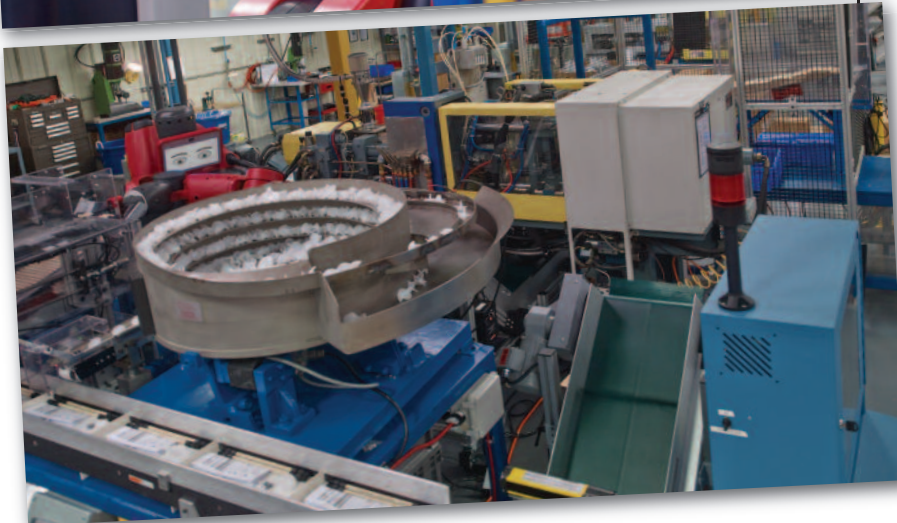


To deliver a reliable performance, reliability has to be built into the pump. Precise engineering with tight tolerances and a watchful eye over the manufacturing process remain part of Stenner's philosophy as the product line continues to grow.

Stenner's manufacturing begins with the raw goods and continues to the final assembly. With tooling, injection molding, CNC machining and packaging, we are committed to improving processes and craftsmanship to maintain quality.

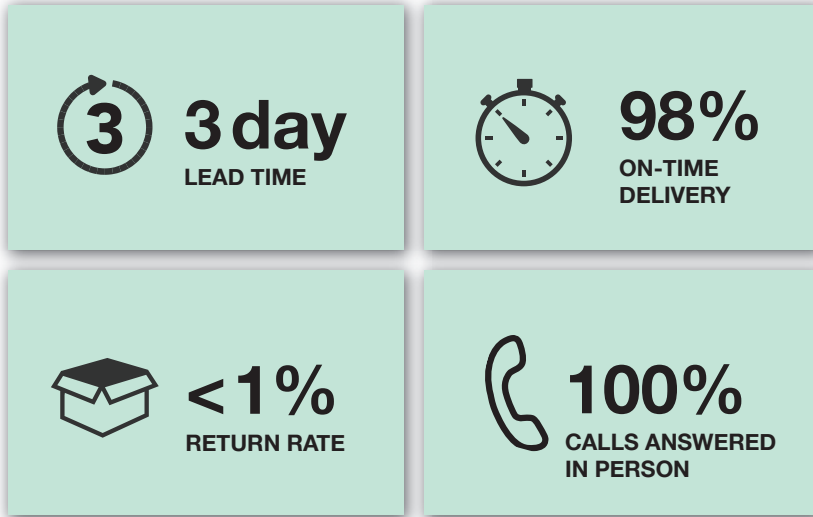


Automation is incorporated into the processes to enhance productivity on repetitive assemblies and not to replace employees. Baxter, the robot with the expressive face, is a practical addition to our workforce.



Stenner's corporate, engineering and production headquarters are located in Jacksonville, Florida with two additional facilities in Kansas and New York. The majority of the components are designed and manufactured in the USA with a commitment to customer satisfaction.

Why Use Stenner Pumps?

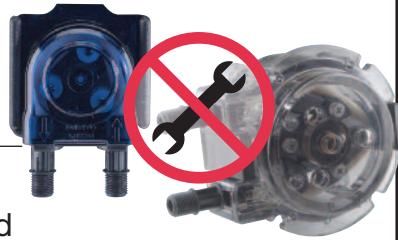


Single Piece Tube Construction

Stenner Santoprene® pump tubes are manufactured as a single piece construction. During the manufacturing process, the tube fitting is overmolded to the tube material making it a stronger connection.

Tool-less Tube Replacement

Available only from Stenner is the patented quick release pump head and the patent pending QuickPro® pump head. Both designs provide quick tube replacement without any tools.



Reliable and Repeatable Injection

Stenner's self-priming pumps provide accurate dosing and consistent output reproducibility. The pump can run dry without damage and self-prime when the tank is re-filled.

Practical Design

Solutions are contained in the pump tube without exposure to air or the moving parts. The 3-point roller design acts like a check valve to help prevent backflow, siphoning, overdosing and loss of prime. A check valve or foot valve is not needed in the pump head and a de-gassing valve is not required.

Less Down Time

The pumps are self-priming and do not lose prime from off-gassing solutions. The pump tubes are easy to replace and lubrication is not required. All pump components are easily accessible for timely servicing.

Commitment to Excellence

To manufacture a reliable pump and to service the customer, Stenner believes in providing the employees with a clean and pleasant work environment. Thirty-one percent of our employees have been with the company over 10 years and the longevity spans across all departments.

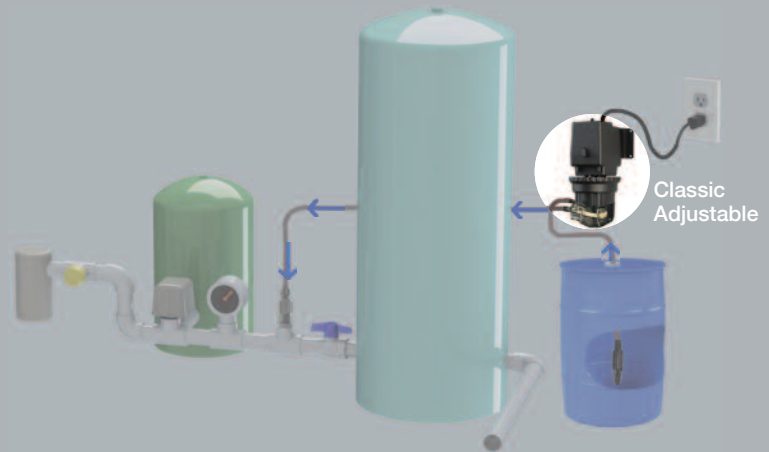
Inspired by Our Customers



Stenner is interested in what our customers have to say. That is one reason why a receptionist answers the phone ready to direct the call to the right department; no phone trees or automated recordings. Whatever is important to our customers is important to us and we are happy to hear what our customers have to say every day.

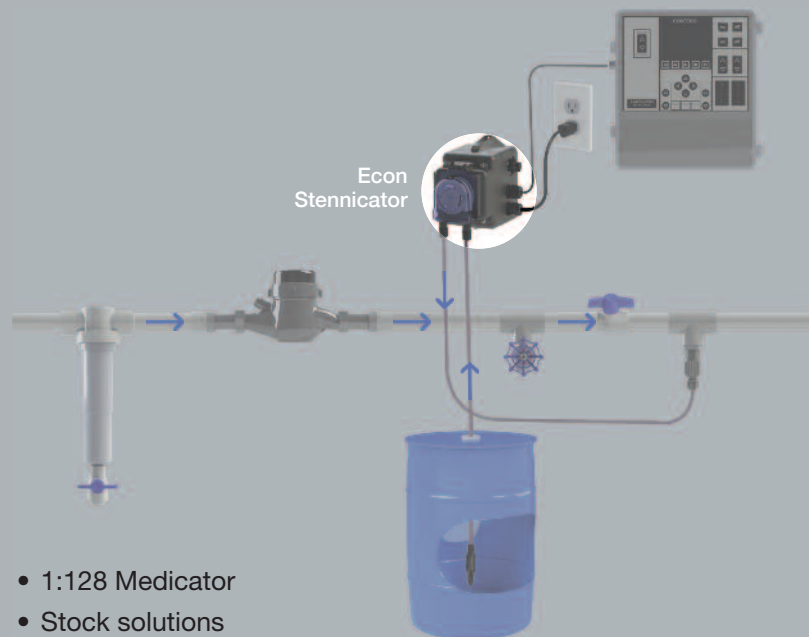
Markets & Applications

Water Conditioning, Animal Health, Irrigation & Horticulture



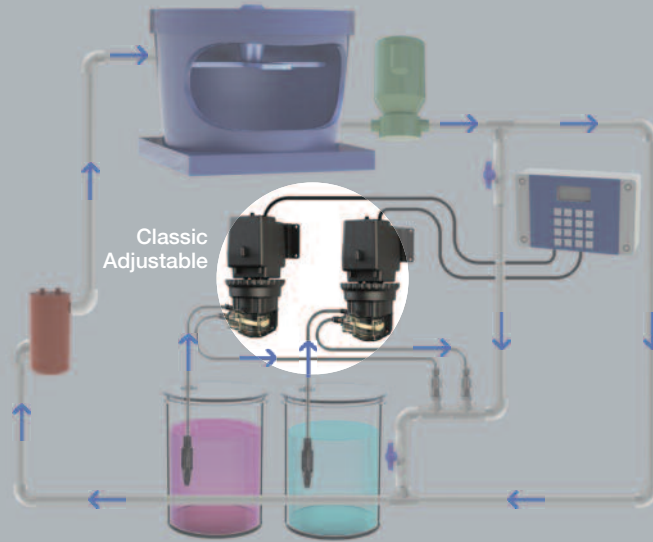
- Disinfection
- Oxidation
- pH Control
- Water Line Sanitization
- Biofilm Reduction
- Water Treatment
- Line Cleaners
- pH Adjustment
- Fertilizer Injection

Animal Health



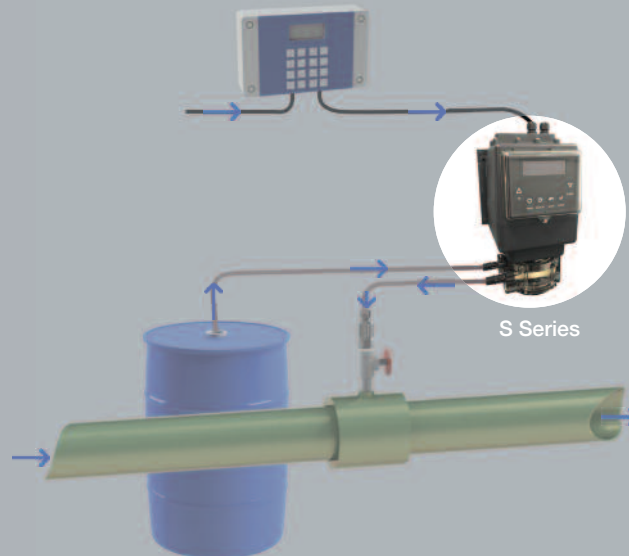
- 1:128 Medicator
- Stock solutions
- Supplements

Water Treatment



- Legionella Prevention
- Corrosion & Scale Control
- pH Control

Water & Wastewater

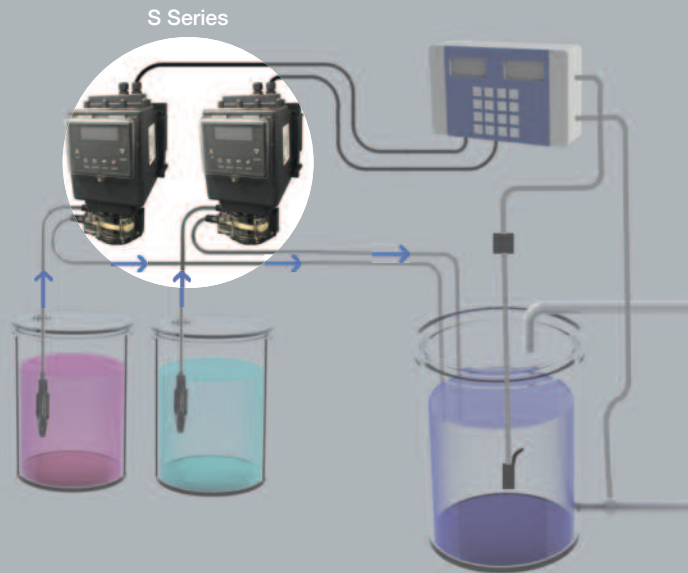


- Well & Surface Water Treatment
- Odor & Stain Control
- Wastewater Treatment

NOTE: Illustrations are for reference only, applications and equipment may vary.

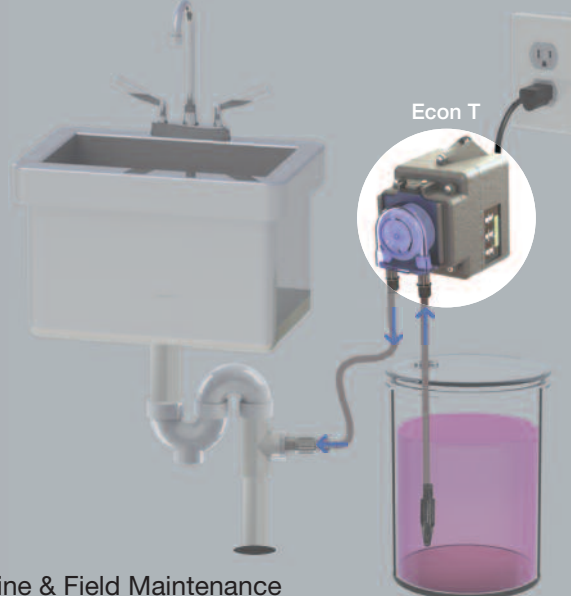
Markets & Applications

Industrial Process and Metal Finishing



- Process Water Treatment
- pH Control
- Corrosion & Scale Control
- Plating Bath Treatment
- Wastewater pH Control
- Injection of additives

Food & Beverage



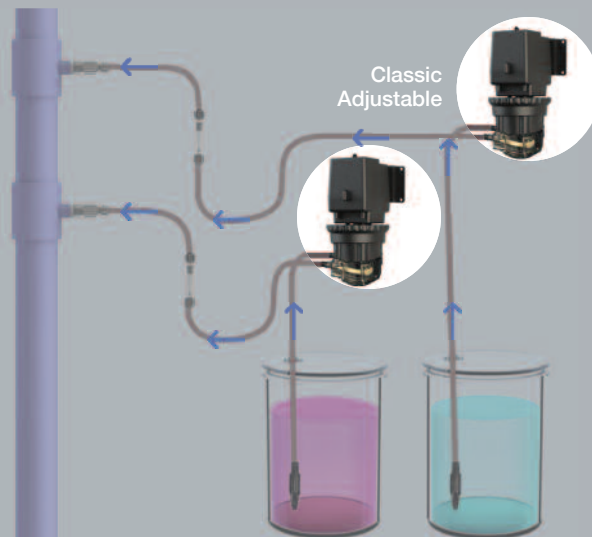
- Drain Line & Field Maintenance
- Dispensing of additives
- Process Water Treatment

Commercial Pool



- Sanitization
- pH Control
- Liquid pool covers

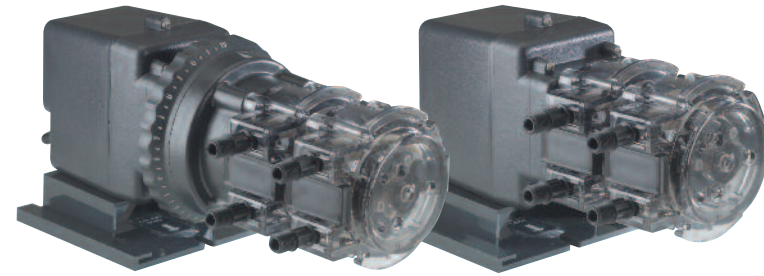
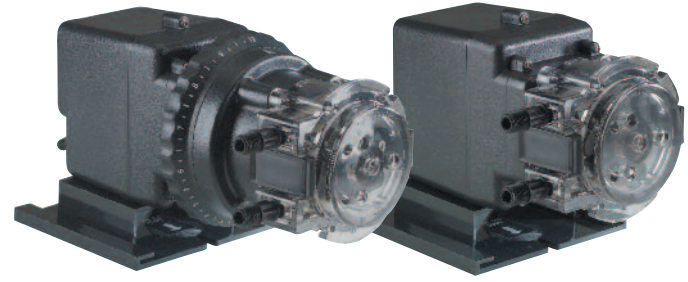
Specialty



Injection for specialized or niche applications.

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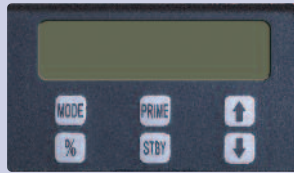

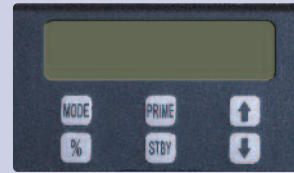




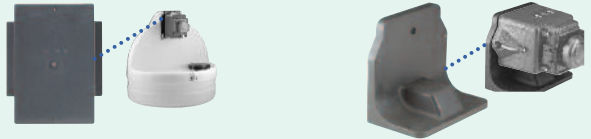
QuickPro® Pump Line



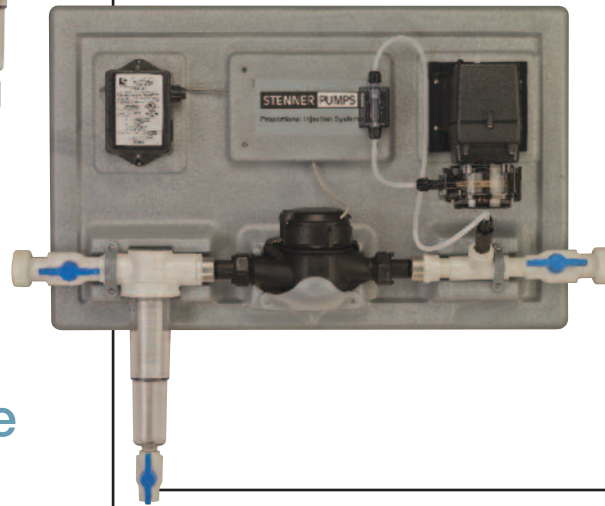
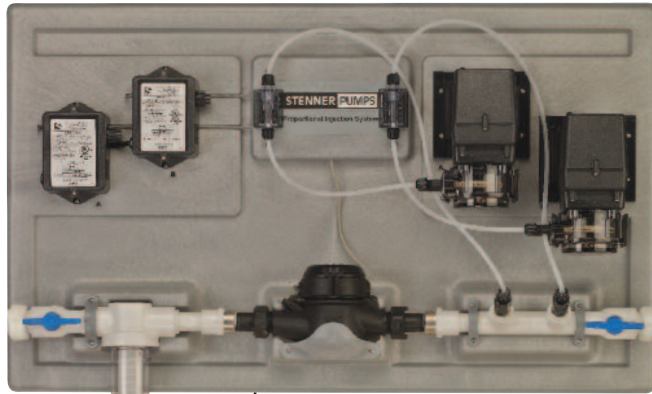
	Classic 45 and 85 Series		Classic 100 and 170 Series		SVP Series	S Series	M128 Series	
TYPE	Electromechanical Single Head		Electromechanical Double Head		Variable Speed, 4-20mA input	Variable Speed, Multiple Functions	Proportional 1:128 Medicator	
CONTROL	Adjustable Model <ul style="list-style-type: none"> External dial ring 5%-100%, 2.5% increments  Fixed Model <ul style="list-style-type: none"> No adjustment Output equivalent to setting 10 on the adjustable pump 		Adjustable Model <ul style="list-style-type: none"> External dial ring 5%-100%, 2.5% increments  Fixed Model <ul style="list-style-type: none"> No adjustment Output equivalent to setting 10 on the adjustable pump 		<ul style="list-style-type: none"> Digital keypad 20:1 Turndown, 1% increments Non-scalable  SVP1 Model <ul style="list-style-type: none"> Manual adjustment SVP4 Model <ul style="list-style-type: none"> Manual or automatic via 4-20 mA signal 	<ul style="list-style-type: none"> 100:1 Turndown 4-20mA, 0-10VDC: scalable, invertible PPM Feed: Constant or Variable Pulse, Manual and Timer Functions Tube Leak Detector, Tube Change Timer Three Output Relays Password Protection 	<ul style="list-style-type: none"> Actuated by a dry contact water meter Adjustable pulse dial Internal relay replicates meter signal Standby setting can disable pump for service Internal relay is not affected by the standby setting 	
FLOW RATES	45 Series 25 psi / 1.7 bar 0.2 to 50 gpd 0.8 to 189.3 lpd 100 psi / 6.9 bar 0.2 to 22 gpd 0.8 to 83.3 lpd	85 Series 25 psi / 1.7 bar 0.3 to 85 gpd 1.1 to 321.8 lpd 100 psi / 6.9 bar 0.3 to 40 gpd 1.1 to 151.4 lpd	100 Series 25 psi / 1.7 bar 0.3 to 100 gpd 1.1 to 378.5 lpd 100 psi / 6.9 bar 0.3 to 20 gpd 1.1 to 75.7 lpd	170 Series 25 psi / 1.7 bar 0.5 to 170 gpd 1.9 to 643.5 lpd 100 psi / 6.9 bar 0.5 to 34 gpd 1.9 to 128.7 lpd	25 psi / 1.7 bar 0.3 to 85 gpd 1.1 to 321.8 lpd 100 psi / 6.9 bar 0.3 to 40 gpd 1.1 to 151.4 lpd	25 psi / 1.7 bar 0.40 to 85.0 gpd 100 psi / 6.9 bar 0.05 to 40 gpd	M05 Model 25 psi / 1.7 bar 8.4 oz per min 249.7 ml per min	M07 Model 100 psi / 6.9 bar 3.5 oz per min 105.0 ml per min
SPECS	45 Series 26 rpm 120V 60Hz 220V 60Hz 230V 50Hz 250V 50Hz	85 Series 44 rpm 120V 60Hz 220V 60Hz 230V 50Hz 250V 50Hz	100 Series 26 rpm 120V 60Hz 220V 60Hz 230V 50Hz 250V 50Hz	170 Series 44 rpm 120V 60Hz 220V 60Hz 230V 50Hz 250V 50Hz	120V 50/60Hz 220V 50/60Hz 230V 50Hz 250V 50Hz 12VDC	Brushless DC Motor 120V, 60Hz 230V, 50Hz NEMA 4X, cULus indoor/outdoor NSF 61 & 372, CE IP65	120V 60Hz 220V 60Hz	
FEATURES	 <p>All QuickPro® Pumps</p> <ul style="list-style-type: none"> ✓ Pat. Pending QuickPro® Pump Head provides fast tube replacement without tools ✓ Roller assembly collapses to remove tube and expands to secure it in place ✓ Pump heads and tubes are interchangeable within the same series 							

Econ Pump Line



	OEM	OEM Batch	T Series	LD Series	FP Series	Stennicator	Integrator™	FX Series	VX Series	F Series	V Series
TYPE	Custom OEM	Custom OEM Batch	7-Day/24-Hour Timer	Low Volume	Flow Activated	1:128 Medicator	Flow Activated	Fixed Speed	Variable Speed	Fixed Speed	Variable Speed
CONTROL	No adjustment Fixed output	Pre-set run time On/Off switch 	LCD keypad Integral timer 24 Hour clock 	Adjustable potentiometer 50:1 Turndown 	LCD keypad Three operating modes 10:1 Turndown 	Pulse water meter activated Adjustable pulse dial 	LCD keypad Three operating modes 10:1 Turndown 	No adjustment Fixed output	Adjustable potentiometer 	No adjustment Fixed output	Adjustable potentiometer 
FLOW RATES	80 psi / 5.5 bar 0.04 oz/hr to 2.08 gph 1.3 ml/hr to 7.88 lph	0.01 sec to 24 hrs per activation Pre-set fluid volume: - Up to 50 gpd / 80 psi - Up to 189.3 lpd / 5.5 bar	25 psi / 1.7 bar 2.5 to 15.0 gpd 9.5 to 56.8 lpd 80 psi / 5.5 bar 0.6 to 21.7 gpd 2.2 to 82.0 lpd	80 psi / 5.5 bar 0.04 to 8.1 oz/hr 1.3 to 240.0 ml/hr	80 psi / 5.5 bar 4.5 to 30.0 gpd 17.0 to 113.4 lpd	80 psi / 5.5 bar 2.7 oz/min 74.0 ml/min	80 psi / 5.5 bar 4.5 to 30.0 gpd 17.0 to 113.4 lpd	25 psi / 1.7 bar 0.31 to 1.62 gph 1.17 to 6.11 lph 80 psi / 5.5 bar 0.58 to 0.98 gph 2.20 to 3.70 lph	25 psi / 1.7 bar 0.003 to 1.62 gph 0.13 to 6.11 lph 80 psi / 5.5 bar 0.07 to 0.98 gph 0.27 to 3.70 lph	25 psi / 1.7 bar 0.46 to 23.08 gph 1.73 to 8.52 lph	25 psi / 1.7 bar 0.06 to 2.0 gph 0.23 to 7.57 lph
SPECS	<ul style="list-style-type: none"> Indoor/Outdoor Brushless or brushed DC motor Voltage options Agency listings vary by model 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushless motor Agency approvals available Internal or wall adapter power supply 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushed motor 120V 60Hz 240V 50Hz Wall adapter power supply 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushless motor 120V 60Hz 240V 50Hz 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushless motor 120V 60Hz 240V 50Hz Wall adapter power supply 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushless motor 120V 60Hz Wall adapter power supply 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushless motor 120V 60Hz Wall adapter power supply 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushed motor 120V 60Hz 240V 50Hz 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushed motor 120V 60Hz 240V 50Hz 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushed motor 120V 60Hz 240V 50Hz Wall adapter power supply 	<ul style="list-style-type: none"> Indoor/Outdoor 24VDC brushed motor 120V 60Hz 240V 50Hz Wall adapter power supply
FEATURES	<ul style="list-style-type: none"> Designed with supplied motor & gearbox Open or enclosed Serviceable liquid end, gear train & motor Dual bearing supported output shaft Custom colors & optional tube materials available 	<ul style="list-style-type: none"> Activated by integral switch or customized for an input signal Serviceable liquid end, gear train & motor Dual bearing supported output shaft Custom colors & optional tube materials available 	<ul style="list-style-type: none"> Battery back-up for events & clock 24 independent events Specific on & off times per event Hour & minute increments 		<ul style="list-style-type: none"> Seconds: accepts dry contact signal, adjustable run time, 1-60 seconds Flow Switch (two wire): accepts dry contact signal, adjustable speed Auxiliary: accepts 12-24 VAC/VDC signal, adjustable speed 	<ul style="list-style-type: none"> Pulse settings: <ul style="list-style-type: none"> - 1 or 10 ppg - 1 ppl Internal relay replicates meter signal Standby allows service without disconnecting Activate multiple pumps with one meter 	<ul style="list-style-type: none"> Internal relay replicates meter signal Standby allows service without disconnecting Activate multiple pumps with one meter Three operating modes—Seconds, Flow Switch, Auxiliary—refer to FP features 	<p>All Econs Designed with Patented Quick Release Pump Head</p>  <p>Tool-less Tube Replacement, Easy as 1, 2, 3</p>		<p>Optional Mounting Accessories</p>  <p>Kit to attach to a Stenner tank or wall</p> <p>Stand to mount to a wall or display on a flat surface</p>	

Meter Systems

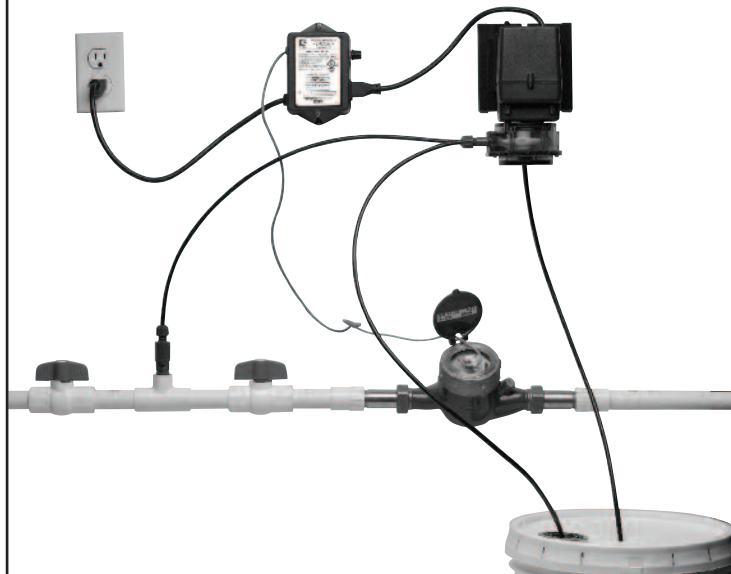


Proportional Injection System

The Proportional Injection System doses solution that is proportional to the system's flow rate based on water volume. The water meter sends a signal to the PCM which actuates the pump. The system is suited for constant pressure (variable speed) well pumps, poultry and livestock houses, irrigation, systems with demand based backup wells and any application with varying flow rates.

- Includes a Classic single head fixed rate pump, PCM, 3/4" dry contact plastic water meter, flow indicator and filter
- Cabinet keeps cords and wires contained and accessible
- Dual system includes two pumps and two PCMs for twice the output

Decrease installation time and increase convenience with water meter activated systems. Components are pre-mounted to a heavy duty panel.



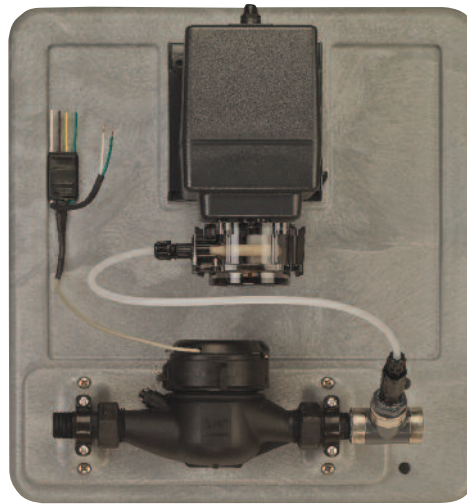
Customize A Proportional Feed System

Individually select a PCM, Classic Series single head fixed rate pump and water meter and customize a system for your specific application.

M128 Meter System

Primarily used for animal health, this convenient system will dose full strength or stock solutions to livestock water. The pump injects at a fixed rate of one ounce per gallon and is actuated by a signal from the dry contact water meter.

Includes the M128 pump, and a 3/4" or 1" dry contact water meter with pulse rates of 1, 2, 4, 10 pulses per gallon or 1 pulse per liter.



Econ Meter System

Econ Meter Systems are offered with the FP, Stennicator or Integrator™ pump. A system includes the pump, a 3/4" or 1" dry contact plastic water meter and a flow indicator.

The Stennicator system provides 1:128 injection, typically for livestock supplements, directly into the water line. This system is also offered with two pumps.

The Econ FP or Integrator™ systems are suited for water treatment such as disinfection or pH control. Common undiluted chemicals can be injected into the water line without harm to the pump. Both the Integrator™ and Stennicator pumps have a relay feature allowing one meter to activate more than one pump.



Stenner Peristaltic Pumps

Self-priming

Output reproducibility

Tool-less tube change

Can run dry

3-point roller design

No vapor lock

Accessories

More than
just pumps.

For one stop
sourcing, Stenner
offers products
to complement
the pump line.



Tank Systems

Systems offered with the Classic Series single head fixed or adjustable pump, all Econ or the M128 Series.

- 7.5, 15 or 30-gallon, translucent white or UV gray
- Level indicators
- Tanks also sold separately



Mixer

The Mixer delivers rapid and constant mixing and is useful when injecting solutions difficult to keep in suspension.

- Fits Stenner tanks, 7.5, 15 and 30-gallon
- Sealed mixing head
- Line guard not required
- For intermittent applications



Flow Indicator

The flow indicator is a visual reference to confirm solution is pumping and includes a bracket to secure it in place.

Stenner's technical and sales departments are available and ready to personally handle your inquiries.



PCM

The PCM works with a water meter and a Classic single head pump to customize your own proportional feed installation. A dry contact, water meter signal, is sent to the PCM to activate the pump for proportional dosing based on water volume. It is also a component included with the Proportional Injection System.

- 120V
- Chemical resistant ABS plastic housing
- On-time duration set with knob adjustment with locking feature



Water Meter

The reed switch water meter provides a pulsing dry contact signal. Power is not required.

- Plastic*: 3/4", 1" or 1 1/2"
- Stainless Steel*: 2"
- Vertical Positive Displacement: 3/4"

* Certified with WQA under ANSI/NSF 372, low lead.



Flow Switch

The paddle style flow switch is compatible with the Econ FP pump and is available for PVC or copper. The design uses a magnetic force to reset the paddle to eliminate spring fatigue.

- 3/4" or 1"
- Two-wire, dry contact
- Glass fiber reinforced plastic construction

**STENNER
PUMPS** Since
1957

STENNER PUMPS

STENNER PUMP COMPANY

3174 DeSalvo Road
Jacksonville, Florida 32246 USA

Phone 904.641.1666
US Toll Free 800.683.2378
Fax 904.642.1012

www.stenner.com
sales@stenner.com

 Assembled in the USA

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