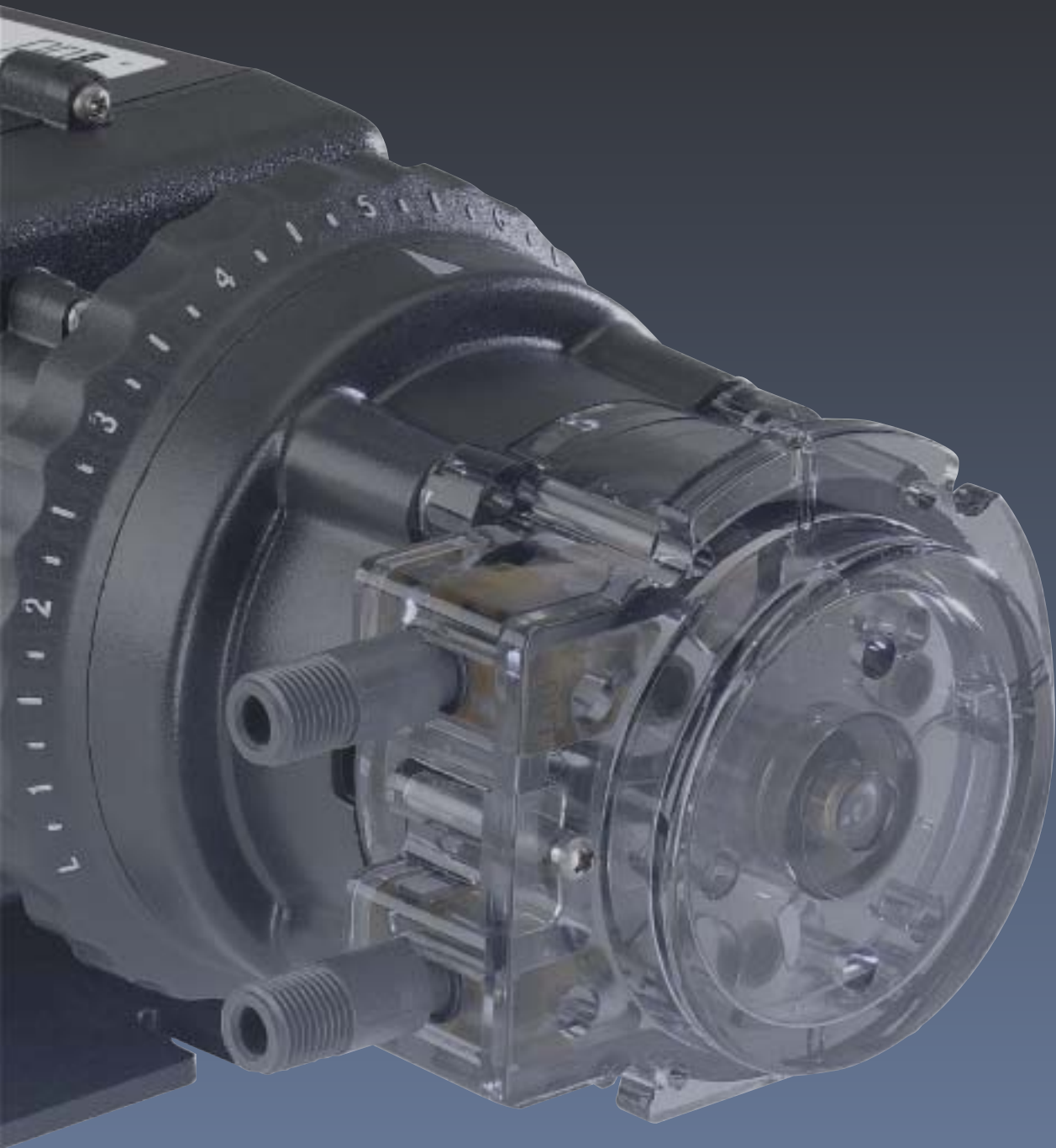


**STENNER PUMPS**



**PERISTALTIC METERING PUMPS SINCE 1957**

## STENNER PUMPS

### Stenner Pump Company

Headquartered in Jacksonville, FL and founded in 1957, the Stenner Pump Company manufactures peristaltic pumps for use in a wide variety of water treatment applications.

Stenner is a vertically integrated company. From raw goods to final assembly, over ninety percent of our components are produced in-house.

After more than 50 years, our commitment to customer satisfaction and high quality reliable products is as strong as ever.

- **Phone accessibility – no long recordings**
- **Quick service – 3-day lead time**
- **Quality – over 90% of our product components are manufactured in house**
- **Training – personal product demonstration at the customer's facility**
- **Manuals – large illustrations of parts and recommended service tips**







**ENDLESS  
POSSIBILITIES**

# WHY STENNER PUMPS?

Stenner peristaltic metering pumps are based on a simple, well-engineered design that minimizes complexity and delivers reliable performance. The time-tested design is renowned for consistent quality and ease of service, which increases dependability for users while reducing service time and expense. Operating as a true OEM, Stenner can control the processes including inventory and quality issues at the time of manufacture and maintain a three day lead time.

## BETTER BY DESIGN

- Self-priming against maximum working pressure, foot valve not required
- Does not lose prime or vapor lock
- Easy to change tube; lubrication not required
- Reproducible outputs within 2%
- Output volume not affected by back pressure
- Solutions metered do not contact any moving parts
- Snap-fit subassemblies allow quick serviceability without tools
- Interchangeable components
- Can run dry without damage
- Small footprint

### STENNER PERISTALTIC PUMPS

Degassing	Automatic degassing
Prime	Self-priming against pressure
Suction Lift	Can prime up to 25 feet
Check Valves	No check valves in head
Versatility	Interchangeable outputs with tube change

### DIAPHRAGM PUMPS

Requires optional degassing valve
Must manually prime
Primes 3 to 5 feet
Check valves prone to failure
Must change drive and/or head



# MARKETS AND APPLICATIONS

Stenner metering pumps are uniquely designed to handle multiple applications. Contact the Stenner technical staff if your application is not listed.

## WATER CONDITIONING Private Water Supplies



### APPLICATIONS

Disinfection, oxidation, pH control, corrosion control

### TYPICAL ACCOUNTS

Well drillers, plumbers, water conditioning dealers, building contractors

### INSTALLATION SITES

Residential homes, farms, trailer parks, campgrounds, community water systems

## ANIMAL HEALTH



### APPLICATIONS

Disinfection, pH adjustment, oxidation, injection of antibiotics & supplements

### TYPICAL ACCOUNTS

Growers and processors

### INSTALLATION SITES

Dairies, farms, hatcheries, breeding facilities, processing plants

## WATER TREATMENT Cooling Towers



### APPLICATIONS

Legionella prevention, pH control, algae control, corrosion & scale control

### TYPICAL ACCOUNTS

Engineers, chemical manufacturers, water doctors

### INSTALLATION SITES

Manufacturing plants, hospitals, schools, airports, commercial buildings

## INDUSTRIAL Processes



### APPLICATIONS

Injection of additives; oxidation, disinfection, pH control, coagulation, corrosion & scale control

### TYPICAL ACCOUNTS

Engineers, mechanical contractors

### INSTALLATION SITES

Manufacturing plants, mills, processing facilities

## COMMERCIAL POOL & AQUATIC FACILITIES



### APPLICATIONS

Sanitization, pH control, injection of enzymes

### TYPICAL ACCOUNTS

Pool dealers, pool builders, pool service contractors

### INSTALLATION SITES

Sports training facilities, condos, hotels, apartments

## MUNICIPAL City Water



### APPLICATIONS

Oxidation, coagulation, pH control, corrosion & scale control

### TYPICAL ACCOUNTS

Engineers, mechanical contractors

### INSTALLATION SITES

Municipal water & waste water treatment facilities, private communities

## IRRIGATION & HORTICULTURE



### APPLICATIONS

Injection of algicides, fungicides, fertilizers, pesticides & nutrients; stain prevention, sprinkler head cleaning

### TYPICAL ACCOUNTS

Maintenance firms, contractors, dealers

### INSTALLATION SITES

Nurseries, turf farms, wineries, greenhouses, agricultural farms

## INSTITUTIONAL



### APPLICATIONS

Drain line maintenance, drain field maintenance

### TYPICAL ACCOUNTS

Chemical & janitorial suppliers

### INSTALLATION SITES

Restaurants, convenience stores, commercial kitchens

## METAL FINISHING Processing



### APPLICATIONS

Plating bath treatment, waste water pH control

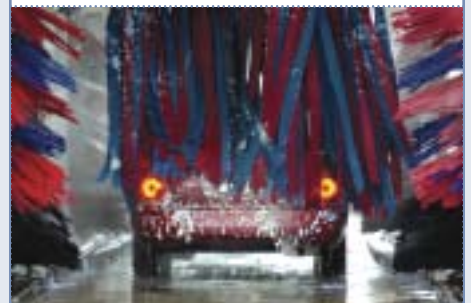
### TYPICAL ACCOUNTS

Chemical manufacturers, metal processors

### INSTALLATION SITES

Metal processing plants, manufacturers

## CAR WASH



### APPLICATIONS

Injection of detergents, waxes, tire cleaners, rust inhibitors; triple foam application, water reclamation

### TYPICAL ACCOUNTS

Chemical manufacturers, car wash builders, automotive dealerships, truck stops

### INSTALLATION SITES

Car rental facilities, car & truck washes

# CLASSIC SERIES

The Classic series is a single or double head pump. Each pump is available as adjustable or fixed output, perfect for accurate and repeatable injection of chemicals or liquid additives. The adjustable models' outputs range from 5 to 100% by utilizing the external dial ring. The fixed output models are ideal for use with controllers or with Stenner's proportional feed systems comprised of a pump, PCM (Pump Control Module) and a pulse generating dry contact water meter.

## FEATURES

- Output adjustment from 5–100% in 2.5% increments
- Snap-fit components allow service without tools
- Self-priming up to 25 feet
- Does not lose prime or vapor lock
- Pump tubes accept a variety of chemicals
- Pumps against pressures up to 100 psi (6.9 bar)



## SPECIFICATIONS

### Outputs at 60Hz

#### 0–25 psi (0–1.7 bar)

gallons per day	0.20 to 170.00
gallons per hour	0.01 to 7.08
liters per day	0.80 to 643.50
liters per hour	0.03 to 26.80
ounces per minute	0.02 to 15.10
milliliters per minute	0.56 to 446.88

#### 26–100 psi (1.7–6.9 bar)

gallons per day	0.20 to 40.00
gallons per hour	0.01 to 1.67
liters per day	0.80 to 151.40
liters per hour	0.03 to 6.31
ounces per minute	0.02 to 3.55
milliliters per minute	0.56 to 105.14

Note: Contact factory for outputs at 50Hz.

### Voltage

120V, 220V 60Hz  
230V, 250V 50Hz International

### Motor rpm

45 & 100 series: 26  
85 & 170 series: 44

### Horsepower

1/30 fractional

### Amp Draw at Maximum Load

1.7 at 120V  
0.9 at 220V, 230V, 250V

### Shipping Weight

8-10 lbs (3.6–4.5 kg)

### Box Dimensions

Single head: 13" x 8" x 9" (l x w x h)  
Double head: 17" x 8" x 9" (l x w x h)

# SVP SERIES

The variable speed pump accepts a 4-20mA signal from analytical measuring devices such as pH or ORP monitors and water meters to maintain proper water chemistry in a variety of applications including water and waste water treatment facilities. The digital control pad allows manual or automatic output control in 1% increments offering a simple way to control dosages.

## FEATURES

- Adjustable outputs in 1% increments; non-scalable
- Four button key pad with prime button, on/off switch and up/down arrows
- Solutions are not exposed to air or pump components
- Can run dry without damage
- Pump tubes accept a variety of chemicals



## SPECIFICATIONS

### Outputs at 50 & 60Hz

0–25 psi (0–1.7 bar)	
gallons per day	0.30 to 85.00
gallons per hour	0.01 to 3.54
liters per day	1.10 to 321.80
liters per hour	0.05 to 13.40
ounces per minute	0.03 to 7.55
milliliters per minute	0.76 to 223.40

### 26–100 psi (1.7–6.9 bar)

gallons per day	0.30 to 40.00
gallons per hour	0.01 to 1.67
liters per day	1.10 to 151.40
liters per hour	0.05 to 6.31
ounces per minute	0.03 to 3.55
milliliters per minute	0.76 to 105.14

### Voltage

120V, 220V 60Hz  
230V, 250V 50Hz International

### Motor

DC variable speed; 45 rpm; 1/30 horsepower

### Amp Draw at Maximum Load

1.5

### Shipping Weight

9 lbs (4 kg)

### Box Dimensions

16" x 9" x 9" (l x w x h)

# BDF SERIES

The BDF series is equipped with a programmable timer to provide a dosing schedule for installations such as grease traps, drain fields, dumpster odor control and more. The pump meters additives on a 24-hour or 7-day schedule with injection rates as high as 21 ounces per hour. Once programmed, the timer retains its schedule in the event of a power outage.

## FEATURES

- 24-hour or 7-day timer
- Customize dosages with dip switches
- Programmable up to 24 events per day
- Manual priming switch
- Battery back up for dosage schedule
- Solutions are not exposed to air or pump components



## SPECIFICATIONS

### Outputs at 60Hz

0–25 psi (0–1.7 bar)

Ounces per dose hour    0.06 to 21.00  
Milliliters per dose hour    2.00 to 625.00

26–100 psi (1.7–6.9 bar)

Ounces per dose hour    0.06 to 4.50  
Milliliters per dose hour    2.00 to 134.00

### Voltage

120V 60Hz

### Motor

12 rpm; 1/30 horsepower

### Amp Draw at Maximum Load

1.2

### Shipping Weight

9 lbs (4 kg)

### Box Dimensions

16" x 9" x 9" (l x w x h)

# STS SERIES

The STS tank series is an all-in-one pump and tank system that offers easy chemical replenishment and convenience. The unit is pre-assembled at the factory to help reduce installation time. The pump is mounted vertically for spill containment and includes a rain roof to prevent liquid intrusion into the motor housing. The tank systems are shipped with the single head Classic series pump models.

## FEATURES

- Pre-assembled for quick and easy installation
- Rain roof and spill recovery set-up included
- Polyethylene construction with containment basin
- Incremental level indicators
- Polypropylene locking child-resistant lid
- Compact, attractive styling



## SPECIFICATIONS

### Capacity

7.5 gallons (28.4 liters)  
15 gallons (56.8 liters)  
30 gallons (113.6 liters)

### Colors

Gray (UV resistant)  
White (translucent)

### Dimensions

7.5-gallon: 20 1/2" OD x 19 5/8" (52.1 OD x 49.9 cm)  
15-gallon: 20 1/2" OD x 25 1/4" (52.1 OD x 64.1 cm)  
30-gallon: 20 1/2" OD x 37 1/2" (52.1 OD x 95.3 cm)

### Shipping Weight

7.5-gallon: 18 lbs (8.1 kg)  
15-gallon: 27 lbs (12.3 kg)  
30-gallon: 35 lbs (15.9 kg)

Tanks are also sold separately

# PCM SERIES

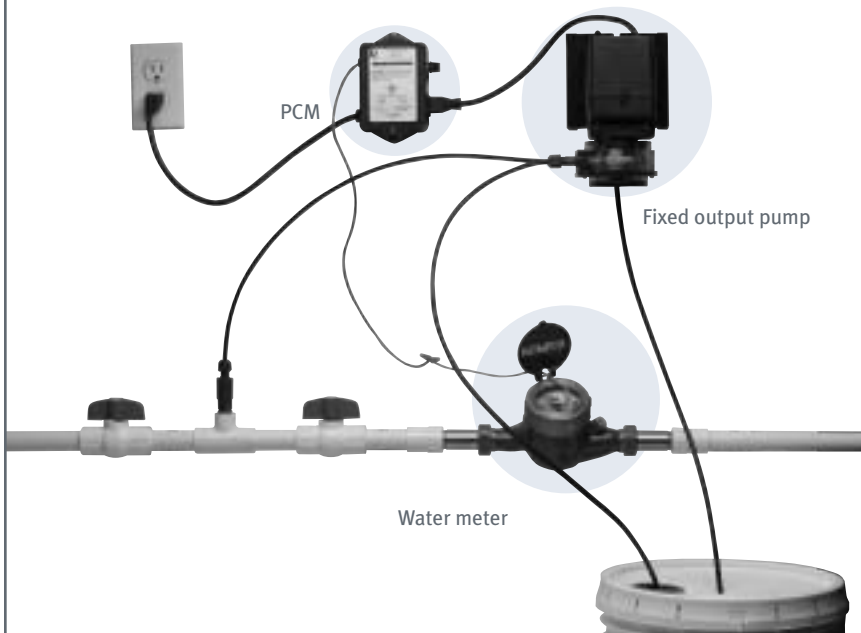
The PCM (Pump Control Module) is one of the three components that make up Stenner's proportional feed system. The PCM, Classic series fixed output pump and a dry contacting pulse water meter is perfectly suited for constant pressure (variable speed) well pump and any application with varying flow rates requiring proportional injection. The water meter sends a pulse signal to the PCM which activates the pump to deliver the desired dose based on water volume. The time adjustable PCM turns on the pump for a set duration to inject the solution into the water line.

## FEATURES

- Chemical resistant ABS plastic housing
- Microcontroller timer with triac output
- Timing options factory pre-set for convenience
- On-time duration set with knob adjustment
- 10 foot power cord and jacketed signal input cable



## PROPORTIONAL FEED SYSTEM INSTALLATION



## SPECIFICATIONS

### Time Range in Seconds

PCM1	0.1–1.0
PCM5	0.5–5.0
PCM10	1.0–10.0
PCM20	2.0–20.0

Note: The time range can be easily changed by converting a PCM to any other time range without purchasing another model.

### Input Electrical

120V 60Hz

### Output Electrical

Maximum device load, 1.8 amp at 120V

### Shipping Weight

2 lbs (0.9 kg)

### Box Dimensions

8" x 8" x 6" (l x w x h)



# WHAT CUSTOMERS SAY

**ANIMAL HEALTH** “Stenner pumps and control equipment help us provide the best chemical solutions to our customers. We use them in the field, hatchery, processing, and any other environment where precision injection is required. Nothing does a better job getting the chemical from the jug into the water line consistently, reliably, and economically than a Stenner.”

– Jesse McCoy, Ivesco Technical Services, Springdale, AR



**COMMERCIAL POOL** “I have been very pleased with the customer service that I have received from the Stenner Pump Company. The company that did the installation on our Stenner pumps offered little or no instructions on the maintenance of the pumps, and my staff was at a loss when it came time to service them. However, I contacted Stenner and not only did I receive great on-the-phone assistance that guided me through the process precisely, but within two days, I had received a full service manual on my pumps. Without the great customer service that I received from the Stenner Pump Company, my facility would not have been able to keep our systems running properly.”

– Christopher Lay, Clinton Family YMCA, Clinton, MS



**METAL FINISHING** “The performance aspect of the Stenner pump has surpassed any other pump we have used in the past. Our customers have little complaints and have experienced zero if any problems. The customer service, technical support, and delivery are excellent and when I feel great about a product I tell other people. We are also finding more applications in which to use other models in the product line.”

– Michael Salerno, REM Chemicals, Inc., Southington, CT



**WATER CONDITIONING** “I was very impressed with Stenner’s commitment to invest the time and the expense to take care of the customer. For the Stenner Training Vehicle visit, we brought in all of our service technicians and about half grumbled about attending because they believed they knew everything about the product that they needed to know. The technicians were totally amazed at what they didn’t know and we have gone from three to four callbacks to zero problems. I recently received a call from another pump manufacturer who wanted to send me a catalog and I told him not to bother.”

– Larry Cunning, The Water Doctor, St. Joseph, MO



**COOLING TOWER** “We have always seen excellent performance with using the Stenner Classic series to dose biocides to prevent Legionella in cooling towers and other high risk systems. We also use them to dose bio-dispersers and inhibitors for corrosion and incrustation. At all times, Stenner pumps have offered reliable, constant and extremely precise dosing; which is appreciated and expected by all our clients in all their applications. The pumps require minimum maintenance even though they are installed in aggressive environments and at some times high temperatures exposed to the sun.”

– Jesus Castellano, TDS Fluidos SLL, Albolote, Spain



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**Hours of Operation (EST):  
Mon.–Thu. 7:30 am–5:30 pm  
Fri. 7:00 am–5:30 pm**

**Stenner products are proudly  
made in the USA**

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