



S10P

Control Panel

## Quick Facts

- 10:1 turndown - 0.5 to 30.0 GPD
- 4:1 turndown 10 PPG mode - 1.3 to 30.0 GPD
- Operating pressure to 100 psi max.
- Flow activated
- Control panel with LCD display
- Tube replacement without tools
- NSF/ANSI 61 & 372
- cULus for indoor/outdoor use
- Advantages of Stenner peristaltic pumps, pg 1

## Features

### FLASHING INDICATORS

Prime, Standby, Signal (excludes 10 PPG mode), Leak, Level, Change, Keypad Locked.

### TIME MODES

#### Pump Run Hours

Registers the total run hours, not resettable.

#### Tube Run Hours

Total hours the tube has been in service.

#### Tube Change Hours

Set the desired hours for tube to run. When hours are exceeded, display flashes CHANGE, as a tube replacement reminder.

### LEAK DETECT

When a leak is detected, the pump stops and the display flashes LEAK. The dedicated relay can indicate to another device.

### LEVEL INPUT

Utilized with a fluid level device in the solution tank. At low level, the dry contact is received on the level input, the pump stops and the display flashes LEVEL.

### SIGNAL REPEATER

Dedicated relay replicates dry contact to another pump or device, for example, link multiple pumps.

## Modes of Operation

### AUXILIARY (12-24 VAC/VDC signal)

Runs at set speed while signal is received. Adjustable 10% to 100%, 1% increments.

### FLOW SWITCH (dry contact)

Runs at set speed while dry contact from 2-wire flow switch is received. Adjustable 10% to 100%, 1% increments.

### SECONDS (dry contact)

Runs at set amount of time for each pulse. Adjustable 0.1 to 60.0 seconds.

### 10 PPG (dry contact 10 PPG water meter)

Runs at set flow rate output for each pulse. Adjustable 50% to 100%, 5% increments. For process flows from 0.1 to 14.0 GPM. Delivers steady solution distribution.

## S10P 100 psi (6.9 bar) max. Flow Rate Outputs

Item Number Prefix	Pump Tube	Turndown Ratio	Turndown @ 10 PPG	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
<b>S3P01</b>	1	10:1	4:1	5.0	0.21	27.0	0.44	19.0	0.79	789.0	13.0
<b>S3P02</b>	2	10:1	4:1	17.0	0.71	91.0	1.51	64.0	2.68	2681.0	45.0
<b>S3P06</b>	6	10:1	4:1	30.0	1.25	160.0	2.67	114.0	4.73	4732.0	79.0

Approximate Maximum Output @ 50/60Hz



### To Order, Build Pump Item Number

Insert item number prefix and code for each specification.

code Voltage & Hertz  
**AA** 120V 60Hz  
 Contact the factory for additional voltage and plug options.

code Suction & Discharge Tubing  
**10** 1/4" White  
**20** 1/4" UV Black  
**50** 6 mm White *Europe*  
 O.D does not affect output.

code Tube Material  
**1** Santoprene®  
 Refer to the chemical guide for material compatibility.

NOTE: Duckbill check valve included with pumps rated 100 psi (6.9 bar) maximum.

**NOTICE:** The information within these charts is solely intended for use as a guide. The output data is an approximation based on pumping water under a controlled testing environment. Many variables can affect the output of the pump. Stenner Pump Company recommends that all metering pumps undergo field calibration by means of analytical testing to confirm their outputs.

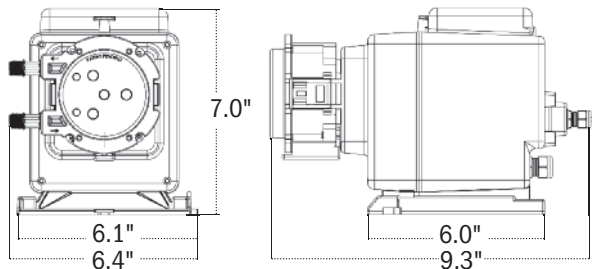
# S10P SERIES

## Weights and Dimensions

**Shipping Weight** 9 lbs (3.7 kg)

**Box Dimensions** 14 x 9 x 10 in. (35 x 23 x 24 cm)

### Product Dimensions



## Accessories Shipped with Each Pump

3 Connecting nuts 1/4"

1 Duckbill check valve

3 Ferrules 1/4" or 6 mm *Europe*

1 Weighted suction line strainer 1/4" or 6 mm *Europe*

1 20' Roll suction/discharge tubing 1/4" white, UV black or 6 mm white *Europe*

1 Additional pump tube

2 Additional latches

1 Mounting bracket

1 Manual

## Specifications

### Flow Rate Output Control

Six button control panel with LCD display

**Reproducibility**  $\pm 2$

### Maximum Working Pressure

100 psi (6.9 bar)

### Maximum Operating Temperature

104°F (40°C)

**Maximum Altitude** 6562 ft. (2000 m)

### Maximum Suction Lift

25 ft (7.6 m) vertical lift, based on water

**Motor Type** Brushless DC motor

**Shaft rpm** (average maximum) 45

**Duty Cycle** Continuous

**Maximum Viscosity** 1500 Centipoise

### Motor Voltage (Amp Draw)

120V 60Hz 1PH (0.6)

### Power Cord Type

120V 60Hz SJTOWA

### Power Cord Plug End

120V 60Hz 5-15P

**Power Cord Length** 6 ft (1.8 m)

**Classification** Indoor/Outdoor

## Materials of Construction

**All Housings** Polycarbonate

### Pump Tube & Check Valve Duckbill

Santoprene® (FDA approved)

**Pump Head Rollers** Polyethylene

**Roller Bushings** Oil impregnated bronze

### Suction/Discharge Tubing, Ferrules

Polyethylene (FDA approved)

### Tube Fittings, Injection Fittings

PVC or Polypropylene (both NSF listed)

### Connecting Nuts

PVC or Polypropylene (both NSF listed)

### Suction Line Strainer and Cap

PVC or Polypropylene (both NSF listed); ceramic weight

**All Fasteners** Stainless steel

**Pump Head Latches** Polypropylene

### Leak Detect Components

Hastelloy®

NOTE: Refer to the chemical guide for material compatibility.

## Agency Listings



THIS PUMP IS TESTED AND CERTIFIED BY IAFMO ACCORDING TO ANSI/NSF 61 FOR CONTACT WITH SODIUM HYPOCHLORITE AND WATER ONLY AND NSF/ANSI 372.

