

SP200 Variable Speed Sampling Pump



- Easy interface with speed control for exact sample size with no spilling
- Reversible motor for back flush of sampling hose.
- Sample at any speed up to 500 ml per minute rate at 4 foot head
- Lightweight, rugged, and weather resistant enclosure
- 15 ft pickup hose with strainer provided

Description

The variable speed portable peristaltic pump sampler is ideal for sample removal from shallow wells and surface water, including lakes, ponds, and holding pools. The water sampler is lightweight, rugged, easy to use, weather resistant, and requires minimal maintenance. The peristaltic pump is designed to take a manual sample and has the ability to back flush the sample hose once you are finished taking the sample.

Power

The water sampler operates using an external 12 volt DC power source that can supply at least 2 A continuous. The variable speed motor is reversible and can sample at any speed from a trickle up to 500 ml per minute.

A power cord, 10 ft (3.05 m) long, is included with each variable speed peristaltic pump sampler. The power cord is fitted with alligator clips for easy connection to almost any 12 volt DC battery, such as a car battery or a small 12V, 5 AH gel cell.

Sampling

To provide high sample integrity, the water sample only contacts the norprene and polyethylene tubing. The tubing is easily cleaned or replaced. To avoid cross contamination or lengthy decontamination procedures simply change the inexpensive tubing between samples.

Specifications

Enclosure: Expanded UV protected PVC (9" x 7.5" x 4.5")

Weight: 4.5lb (Shipping Weight 6lb)

Operating Temperature: 0-70°C

Operating Voltage: 12V DC

Current Draw: 2A max

Sample Pump:

Flow Rate: Variable up to 500 ml per minute at 4 ft. head

Back flush Rate: Same as Flow Rate.

Type: Peristaltic

Maximum Lift: 22 ft

Pump Tube: Norprene ¼" ID

Sample Hoses: 15 ft nylon reinforced ¼" ID polyethylene flexible tubing section with intake strainer. Hose may be extended, as required, using standard ¼" tubing and fittings.

Options and Accessories

SP200 Variable Speed Portable Sampling Pump
15' sample hose and 10' battery cable included. Bottle and battery not included.

00-744 Norprene Pump Tubing

00-546 Braided Tubing

CA0600 Pickup Strainer

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