

Spectra Bladder Pumps

SPECTRA
SCIENTIFIC

Introducing

The Spectra Bladder Pumps Sil Series represents the first innovation in Bladder Pumps in over 25 years. The Sil Series is the first Bladder Pump to incorporate a 100% PFAS Free design with no LDPE, HDPE or Teflon Parts.

The Sil Bladder Pump Series features the Sil 2.0 (1.87 in OD), Sil 1.0 (.87 OD) and the Sil Mini (.87 OD + miniature body)



Meet the
Spectra
Bladder
Pumps
Sil 2.0
Sil 1.0
Sil Mini

Specifications

The Spectra Bladder Pump Sil Series features an all stainless steel build with only four moving parts. Ensuring that your operation and maintenance of the pump is simple, efficient and meets the stringent standards of environmental sampling.

1. Pump Head - This is located at the top of the pump and is threaded into the body. The intake is also located on the top.
2. Pump Body - The threaded body that seals the internal compartments to create pressure build up.
3. Collar - To hold the Bladder in place in high pressure environments.
4. Bladder - 100% Medical Grade Silicone and 100 % PFAS Free Bladder Sleeve

Functional Design Theory

The Spectra Bladder Pump is the first bladder pump to feature a Silicone Bladder that is adjustable. The Spectra Bladder Pump Mini is the smallest bladder pump in the market, designed for bent and low recharge wells.

Specifications

The Spectra Bladder Pump can be customized with the following connections.

- Push Connect Fittings - These connections are available in stainless steel and offer ¼ Airline with ¼ Water Line or ⅜ Water Line
- Barbed Fittings - These are the standard connections available in ¼ Air Line with ¼ Water Line or ⅜ Water Line
- Swagelock Fittings - These connections are available in stainless steel and offer ¼ Air Line with ¼ Water Line or ⅜ Water Line

Measuring Depth

- When operated in tandem with a Spectra Hydro Pro Controller it has the ability to go ~300ft.

Features

- Largest selection of Bladder Pump Accessories such as Field Stands
- Multiple configurations of check valves and connections



Because the Spectra Bladder Pump does not have any plastic or teflon parts it is the preferred method of PFAS and Environmental Sampling.



Key Specifications

- Adjustable internal Bladder
- 100% PFAS Free
- Industry Leading Design optimized for Field Use and Replacement
- Largest Selection of Connections and Check Valves options for all types of setups and wells.
- Precision machining backed by a 3 year warranty.

Ease of Use

The Spectra Bladder Pump shines because of its ease of use, modular, and compliant design. The internal sleeve replacement takes only 1 minute compared to the closest competition of around 4 minutes. Because of this the Spectra Bladder Pump is the preferred choice of environmental monitoring.



Warranty

Warranty: 3 Years on all Mechanical Parts

Contact Info

Email: info@spectrascientific.com

Website: www.spectrascientific.com

Contact Number: 905-565-1888



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