

# Sampling Pumps

## Geotech PFAS-Free Portable Bladder Pumps

The PFAS-Free Portable Bladder Pump is designed specifically for sampling Per- and Poly-fluoroalkyl chemicals such as perflouroctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater. The PFAS-Free Portable Bladder Pump is made with PFAS-free materials such as 316 stainless steel, high-density polyethylene (HDPE), and Buna-Nitrile to provide representative water samples. The single turn release head and quick change bladders allow for quick, in-the-field bladder changes and easy decontamination.

The PFAS-Free Portable Bladder Pump is proven to not contribute any PFAS substances to sample. Complete pump, tubing and safety cable have been soak tested and laboratory analyzed under "EPA 537 Modified" method. The samples from those tests showed non-detect for all 25 PFAS analytes.

### FEATURES

- **Constructed of 316 stainless steel** – For unsurpassed durability and truly representative samples
- **Portable turnkey systems available** – Everything you need to quickly and efficiently sample your site
- **Easy-to-open housings** – No special tools or training required to service the pump
- **Quick-change bladder configuration** – Bladders are easily changed without tools by sliding back the HDPE collars
- **Drop tube intake option** – Allows for deeper sampling
- **Extra bladders are readily available** – Polyethylene bladders for all models
- **Bonded tubing** – In Polyethylene x Polyethylene by the foot or by the roll
- **Compatible with the Geotech Geocontrol PRO & BP Controller units**
- **CE rated for quality**

### SPECIFICATIONS

	1.66" x 36"	1.66" x 18"	.850"	.675"
Pump Housing	316 SS	316 SS	316 SS	316 SS
Pump Ends	316 SS	316 SS	316 SS	316 SS
Bladder Material	Polyethylene	Polyethylene	Polyethylene	Polyethylene
Outer Diameter	1.66" (40 mm)	1.66" (40 mm)	.850" (21.6 mm)	.675" (17 mm)
Length w/Screen	40" (101.6 cm)	19" (48.2 cm)	18 3/4" (47.3 cm)	18 3/4" (47.6 cm)
Weight	5.0 lbs. (2.27 kg)	3.0 lbs. (1.36 kg)	1.1 lbs. (.5 kg)	.83 lbs. (.376 kg)
Volume/Cycle	11 oz. (310 ml)	5 oz. (150 ml)	0.9 oz. (29 ml)	0.5 oz. (15 ml)
Min. Well I.D.	2" (5 cm)	2" (5 cm)	1" (2.5 cm)	.75" (1.9 cm)
Max. Operating Pressure	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)
Min. Operating Pressure	5 psi (.3 bar) ash*	5 psi (.3 bar) ash*	5 psi (.3 bar) ash*	5 psi (.3 bar) ash*
Max. Sampling Depth	200' (61 m)	200' (61 m)	200' (61 m)	200' (61 m)
Tubing Size	Air ID x OD	Air ID x OD	Air ID x OD	Air ID x OD
	.17" x .25" (4 mm x 6 mm)	.17" x .25" (4 mm x 6 mm)	.17" x .25" (4 mm x 6 mm)	.17" x .25" (4 mm x 6 mm)
	Discharge ID x OD	Discharge ID x OD	Discharge ID x OD	Discharge ID x OD
	.25" x .375" (6 mm x 10 mm)	.25" x .375" (6 mm x 10 mm)	.17" x .25" (4 mm x 6 mm)	.17" x .25" (4 mm x 6 mm)

\*ash = above static head



**CALL GEOTECH TODAY (800) 833-7958**

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## Geotech PFAS-Free Portable Bladder Pump Optional Accessories

### PORTABLE BLADDER PUMP DROP TUBE ASSEMBLY

Geotech's optional drop tube intake system allows you to easily relocate the bladder pump intake way beyond the depth limitations of the pump. As long as the pump remains submerged, you can effectively and economically low flow sample from the well's screened section.

- Relocate pump intake to deeper well screen interval
- Keeps pump at optimum depth to maximize performance
- Drop tube length custom sized to each well
- Easily adaptable in the field
- Available for all three pump sizes



### PORTABLE BLADDER PUMP REEL

- Caddy stores pump when not in use
- Depth ranges to 175 feet (53 m)
- Quick-connect fittings at pump and reel



Portable Bladder Pump Reel System (shown with 1.66 Pump)

### BONDED TUBING



#### Bonded Polyethylene x Polyethylene

[.170" x .25", .170 x .25"]	
[.170" x .25", .25" x .375"]	
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