

# Sampling Pumps

## Geotech Portable Bladder Pumps

Geotech's portable bladder pumps are designed with input from field technicians who actually do the sampling! Single turn release head and quick change bladders allow for quick, in-the-field bladder changes and easy decontamination. Custom hose barbs allow the pump to be secured to tubing without the need for tubing clamps.

### 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 Teflon® collars
- **Drop tube intake option**  
Allows for deeper sampling
- **Extra bladders are readily available**  
Available in Teflon® and Polyethylene for all models
- **Bonded tubing**  
In Polyethylene and Teflon® lined Polyethylene by the foot or by the roll
- **Compatible with the Geocontrol PRO & Geocontroller 2 logic units**
- **CE rated for quality**

### SPECIFICATIONS

	<b>1.66 Portable</b>	<b>.850 Portable</b>	<b>.675 Portable</b>
<b>Pump Housing</b>	316 SS	316 SS	316 SS
<b>Pump Ends</b>	316 SS	316 SS	316 SS
<b>Bladder Material</b>	Virgin PTFE	Virgin PTFE	Virgin PTFE
<b>Outer Diameter</b>	1.66" (4.2 cm)	.850" (2.2 cm)	.675" (1.7 cm)
<b>Length w/Screen</b>	19" (48.3 cm)	18 5/8" (47.3 cm)	18 3/4" (47.6 cm)
<b>Weight</b>	3.0 lbs. (1.4 kg)	1.1 lbs. (.5 kg)	.83 lbs. (.4 kg)
<b>Volume/Cycle</b>	150 mL	29 mL	15 mL
<b>Min. Well I.D.</b>	2" (5 cm)	1" (2.5 cm)	.75" (1.9 cm)
<b>Max. Operating Pressure</b>	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)
<b>Min. Operating Pressure</b>	5 psi (.3 bar) ash*	5 psi (.3 bar) ash*	5 psi (.3 bar) ash*
<b>Max. Sampling Depth</b>	200' (61 m)	200' (61 m)	200' (61 m)
<b>Tubing Size</b>	Air .17" ID x .25" OD Discharge .25" ID x .375" OD	.17" ID x .25" OD .17" ID x .25" OD	.17" ID x .25" OD .17" ID x .25" OD

\*ash = above static head



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

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## Geotech 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"]



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



[.25" x .375", .375" x .50"]



#### Bonded Teflon® Lined Polyethylene x Polyethylene

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



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



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



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