

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

- **New 36" Pump**
Provides up to 30% greater flow
- **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 PTFE collars
- **Drop tube intake option**
Allows for deeper sampling
- **Extra bladders are readily available**
Available in PTFE and Polyethylene for all models
- **Bonded tubing**
In Polyethylene and FEP lined 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	Virgin PTFE	Virgin PTFE	Virgin PTFE	Virgin PTFE
Outer Diameter	1.66" (40 mm)	1.66" (40 mm)	.850" (221.6 mm)	.675" (17 mm)
Length w/Screen	40" (101.6 cm)	19" (48.2 cm)	18 3/8" (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 Discharge ID x OD	.17" x .25" (4 mm x 6 mm) .25" x .375" (6 mm x 10 mm)	.17" x .25" (4 mm x 6 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

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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 FEP Lined Polyethylene x Polyethylene

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

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

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