

Low Flow Sampler

geocontrol PRO™

The ultra reliable mini-compressor inside allows you to sample from depths to 180 feet (55 m)! No more lugging heavy, dirty, and noisy compressors into the field or those dangerous nitrogen cylinders.

The geocontrol PRO saves you time, saves your back and saves you money!

FEATURES

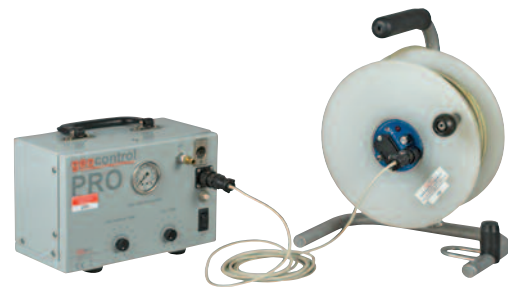
- **Compact and Portable** – 9 lb. (4 kg) controller can be shipped or back packed anywhere!
- **Controls all portable bladder pumps, dedicated bladder pumps, and most air lift pumps on the market today.**
- **Built in high performance air compressor** – Allows sampling from depths of 180 feet (55 m).
- **Built-in reverse polarity protection**
- **Operates from a 12V DC car battery** – Ask about our portable rechargeable battery and optional AC to DC power adapter.
- **Push / Pull tube fitting for easy tubing changes** – Bonded tubing in Polyethylene and FEP lined Polyethylene available by the foot or by the roll.
- **Ask about our complete line of low flow sampling kits** – Including water quality meters and flow cells.

SPECIFICATIONS

Applications	Operates all bladder & air lift pumps
Power Requirements	12-14 Volts DC input @ 7.5 Amps 72-84 Watts usage
Max. Operating Pressure	100 psi (6.8 bar) – self limited for safety
Max. Operating Depth	180 feet (55 m)
Ambient Operational Temp.	50°F-104°F (10°C-40°C)
Timer:	
Discharge Time	1.8 sec. min. 75 sec. max.
Fill Time	1.8 sec. min. 75 sec. max.
Air / Out Fitting:	.25" OD push/pull fitting 1/8" FPT allows for connection to any fitting option
Dimensions	6.70" H x 4.80" D x 11.40" W (17.02cm H x 12.92cm D x 28.96cm W)
Weight	9 lbs. (4 Kg) total
Optional Carrying Case	21" L x 8.25" W x 14" H (53.34 cm L x 20.95 cm W x 35.56 cm H)



geocontrol PRO™ with optional carrying case and 12 Volt battery and charger



geocontrol PRO™ with optional draw-down control for low flow sampling

OPTIONS

- Optional AC Adapter available
- Carrying case, hard-sided with pre-cut foam and locking latches
- Portable rechargeable 12V DC battery and charger
- Professional Pack includes: geocontrol PRO™, DC power cord, battery & charger, pump, spare parts kit, and portable carrying case
- Various hose whips for connecting to dedicated systems
- Draw-down control for low flow sampling



CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242

email: sales@geotechenv.com website: www.geotechenv.com

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" (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



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Sampling Pumps



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 FEP 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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