

Bladder Pumps, Groundwater Sampling

Geotech Bladder Pumps

Together with the USGS, Geotech designed the original bladder pump for groundwater quality and pollution monitoring. They can pump to the surface from as deep as 1000 feet (305 meters) with minimal agitation for the best representative samples.

FEATURES

- True low flow capability for less agitation
- Proprietary resin grade virgin PTFE bladder for long life
- Constructed of #316 SS for durability
- Dedicated or portable turnkey systems
- Designed for wells as small as .75" (1.9 cm)
- Screened intake extends bladder life
- Optional Drop-Tube assembly available for sampling from greater depths
- Limited lifetime warranty on dedicated stainless steel systems

BLADDER PUMP MODELS

A. GEO1.66SS36

Made from SS for maximum durability. Highest volume rate for a low flow pump. For 2" (5 cm) wells or larger.

B. GEO1.66SS18

The same as above but for lower pump volume requirements.

C. GEO.85SS24

Made from high-grade SS for maximum durability.
Extra slim design provides excellent performance for its size.

D. GEO.675SS

Our smallest bladder pump, fits in any well .75" (1.9 cm) or larger. Made with the same polished stainless steel as our other top-of-the-line pumps.

SPECIFICATIONS

	GEO1.66SS36	GEO1.66SS18	GEO.85SS24	GEO.675SS18
Pump Housing	316 SS	316 SS	316 SS	316 SS
Bladder Material	Virgin PTFE	Virgin PTFE	Virgin PTFE	Virgin PTFE
O.D.	1.66" (4.2 cm)	1.66" (4.2 cm)	.850" (2.2 cm)	.675" (1.7 cm)
Weight	5 lbs. (1.9 kg)	2.5 lbs. (0.93 kg)	1.6 lbs. (.60 kg)	.83 lbs. (.38 kg)
Volume / Cycle	21.1 oz. (625 ml)	10.5 oz. (313 ml)	2.1 oz. (59.6 ml)	1.35 oz. (38.4 ml)
Min. Well I.D.	2" (50 mm)	2" (50 mm)	1.00" (2.5 mm)	.75" (1.9 mm)
Operating Pressure	10-450 psi (.7-31 bar)	10-450 psi (.7-31 bar)	10-450 psi (.7-31 bar)	10-450 psi (.7-31 bar)
Min. Operating Range	5 psi (.34 bar)	5 psi (.34 bar)	5 psi (.34 bar)	5 psi (.34 bar)
Max. Depth	1000' (305 m)	1000' (305 m)	250' (76.25 m)	250' (76.25 m)



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