

Bladder Pump Controller

Geotech BP Controller 300/500 PSI

The Bladder Pump (BP) Controller (300 or 500 PSI) utilizes advanced electronic logic to control gentle, low-flow sampling. Simple to use, accurate microprocessor controlled FILL/DISCHARGE timers are utilized to recreate expert techniques for low-flow sampling. The BP Controllers are equipped with high-pressure valves and fine resolution regulators that can deliver in remote and deep sampling applications.

BP Controllers connect to any bladder pump system with the use of simple quick-connect adapters.

FEATURES

- Designed for durable, trouble-free operation
- High pressure operation for greater depths
- Multiple power input options
- Microprocessor controlled timers for accuracy
- Internal over-pressure protection
- Battery over-draw protection
- Water Level Meter compatibility for well draw-down
- Intuitive user controls and status indicator
- Accessories cavity for easy portability
- Included: Air-In and Air-Out Hoses, AC Power Supply, DC Power Cord and Clip Adapter, Geotech Drawstring Bag



Geotech BP Controller 500 PSI



Geotech BP Controller 300 PSI

SPECIFICATIONS	300 PSI	500 PSI
Performance		
Operating Depth	0-690 feet (210 m)	0 -1000 feet (0-305 m)
Input Air Pressure	Up to 300 psi (20.5 bar)	Up to 500 psi (34 bar)
FILL Timer Range	5 - 120 seconds	5 - 180 seconds
DISCHARGE Timer Range	5 - 120 seconds	5 - 180 seconds
Timer Resolution	2 seconds	2 seconds
Timer Accuracy	±2 seconds	±3 seconds
12V 8Ah Battery Life	1,300 cycles @ 30 sec. timers	50,000 cycles
Internal Battery/Life	External only	(2x) 9V/30,000 cycles
Environmental		
Operating Temperature	32°-158°F (0°-70°C)	32°-158°F (0°-70°C)
Storage Temperature	-40°-185°F (-20°-85°C)	-40°-185°F (-20°-85°C)
Physical		
Enclosure	7" x 16" x 12" (18 x 41 x 30.5 cm)	7" x 19" x 14" (18 x 48 x 35 cm)
Weight	15 lbs. (6.8 kg)	25 lbs. (11.4 kg)
Enclosure Material	Structural resin	Structural resin
Input Power		
External Battery	10.5-13.8V DC	10.5-26V DC
AC	90-240V AC*	90-240V AC*
Line Frequency	45-65 Hz	45-65 Hz
Maximum Power	15 Watts	15 Watts pulse for 50mS

*International AC Power Plug Adapters available (UK, AUS, EURO)



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