

12 Volt DC Sampling Pump

Geotech SS Geosub with AC Controller

The SS Geosub sampling pump is the most versatile single stage DC pump in the industry. Designed with all stainless steel components, the SS Geosub allows you to sample in the harshest well conditions with confidence. The SS Geosub operates with the Geotech AC Controller.

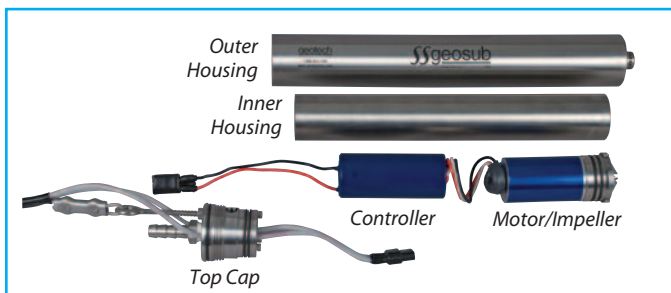
FEATURES

- Most versatile pump in the industry, sample from depths to 200'
- Low flow sampling rates to 10 mL/min using the Geotech AC Controller
- User enabled dry-run protection
- Easy to decontaminate
- Field replaceable motor lead kits available
- Portable reel systems or dedicated well systems available to meet your needs (option)

SPECIFICATIONS

PUMP	Electric:	
	Full Load Rating	2/3 HP
	Maximum Amp Draw	35 amps
	Overload	Incorporated into controller
	Discharge Port Connection:	1/4" female NPT (includes 3/8" barb)
	Operating Conditions:	
	Min. Ambient Fluid Temperature	34°F (1°C)
	Max. Ambient Fluid Temperature	80°F (28°C)
	Wetted Parts:	316 Stainless steel, PTFE, Viton®
	Dimensions & Weight (Pump & Motor):	
	Dimensions of Pump	12.2" L x 1.75" OD
	Net Weight of Pump w/o Lead	3.9 lbs.
CABLE	Material:	Two 12 gauge conductors with Tefzel jacket, and integrated safety cable
	Weight with Georeel & Safety Cable:	
	100' of 12 AWG	18.3 lbs.
	150' of 12 AWG	21.6 lbs.
	200' of 12 AWG	24.9 lbs.

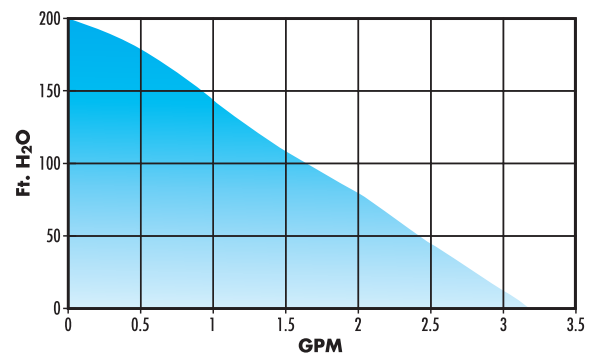
The Geotech SS Geosub has Patents Pending



SS Geosub with Geo Reel



SS Geosub with Geotech AC Controller



SS Geosub Performance

CALL GEOTECH TODAY (800) 833-7958

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Controller for 12 Volt Pump

Geotech AC Controller

The AC Controller is designed specifically for use with Geotech's SS Geosub. It provides a safe conditioned variable DC output power from an AC power source. Built-in sensing gives the operator accurate and precise control over the pump during sampling events. An average 1000 Watt gasoline powered generator with 1 gallon of gasoline will operate the AC Controller and Geotech's sampling pump at full power for 18 hours continuously. Generally much longer runtimes can be expected as the controller is used to reduce water flow for low flow sampling.

FEATURES

- Converts AC Voltage to variable up to 300 watt DC voltage output
- Short circuit protection for your safety
- Heavy duty rated power cable for years of service
- 2-line x 16-character wide temperature range alpha-numeric digital display
- Push button Up/Down control
- Internal processor saves individual well parameters
- Optional DC to AC Inverter can be connected to a vehicle battery

OPERATION

An easy-to-use programmable user interface with bright display offers precise control over flow rates during ground water sampling events. Site specific settings and conditions can easily be stored and recalled for more efficient repeatable sampling events.

Rugged construction and easy to connect cables make setup and portability a breeze. In addition, the controller includes a user setable dry run protection feature.

SPECIFICATIONS

Input Power Range	108-132 Volts AC 50/60 HZ 310 Watts 2.6 amps nominal full load
	216-264 Volts AC 50/60 HZ 310 Watts 1.3 amps nominal full load
Output Power	Variable 0-46V DC @ <300 Watts
Output Power @ Max. Voltage	10 amps maximum
Operating Temp	-20°F to 100°F (ambient air temp.)
Humidity	Up to 90% humidity
Weight of Unit	16.45 lbs.
Size of Unit	16" L x 13" W x 7" H
Input Protection	10 amps circuit breaker ON/OFF switch



Geotech AC Controller



Optional DC to AC Inverter

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