

## SS Geosub Submersible Pump



The **SS Geosub Submersible Pump** is a low voltage stainless steel submersible sampling and purging pump. It is safe and capable of pumping up to 45m of head of water.

### Sampling and purging deep wells

#### Advantages

- Low Voltage DC power - safer than high Voltage AC pumps
- Dry run cut off can save energy
- Pump is suitable for continuous operation
- Pump is tolerant of sediments\*
- Pumps to depths of 45m in 2" diameter or larger wells
- Step-less control for flow rates from a trickle to 13 litres per minute
- Pump is stainless steel so can be de-contaminated
- Up to 80 different well settings can be stored and programmed.

#### Disadvantages

- Pump requires external controller and power source
- Like all electrical submersibles it is not good for pumping product.

#### Accessories

- 12.20.13 10 x 12mm Polyethylene discharge tube

#### Specifications

- 42mm diameter
- Pumps up to 13 litres per minute
- Pumps down to 45m
- Stainless Steel construction.

#### Alternatives

For sampling at similar depths in a more hazardous environment a Bladder Pump can be used. For purging and developing wells that may contain product a Total Fluids Pump "Reclaimer" or "Auto Reclaimer" may be used. For a faster flow rate an MP1 pump may be preferable.

\* The pump is rated at 2000 hours of use in CLEAN water. Whereas it is reasonably tolerant to suspended sediments, the pump itself will wear; particularly if sand is present. Reduction in pump flow rate performance is an early indicator. Pump replacement is easy and, compared to the MP1 for example, substantially cheaper.