

A. Parts Needed

- a) 12 volt battery (car or marine)
- b) Opaque garden hose with hose clamps or opaque tubing with hose barbs. Garden hose adapters (3/4" thread) are supplied by Turner Designs on all 10-AU
- c) Weights to keep the sample pump submerged in the water.
- d) Two water-proof wires (positive/negative) for connecting to the pump. Wires should match the depth at which the sample pump will be used. Normal installation requires 16 gauge wire. For installations over 25 feet from the battery, use 14 gauge wire.
- e) Fuse holder with a 2.5 to 4 amp fuse.
- f) Rope for tying the pump, wires and hose together.

B. Specifications

Depth: This sample pump has been tested to a depth of 20 feet and is designed for delivering surface water to the fluorometer.

Pumping Capabilities: This sample pump pumps 500 gallons of water per hour at open discharge and 370 gallons per hour at a 3 foot head.

Head: 2 to 3 foot maximum head.

Pump Size: This sample pump is 3-1/2" high and 2-5/16 inches in diameter. Closed bottom strainer protects inlet.

