



Loligo® Systems miniature DC pump

Instructions for use

Initial Connect the pump to a switch box powered by a DC power supply, or directly to this, and adjust the plastic knob to the 12 V setting.

Priming The pump can over heat if any air is trapped inside the pump housing while running. To prime it with water make sure that the bath on which the pump is mounted, is filled with water to a level above the two pump ports. Connect the power cord for the DC power supply to a wall outlet. This will start the pump. Let it run for 10 seconds to empty it for any air trapped inside the pump housing. Then stop the pump and repeat this step to make sure that the pump is fully purged with water. Air bubbles are less likely to get trapped inside the pump if it is mounted with the ports pointing straight upwards.

Connect tubing Now proceed by connecting the tubing required for your application.



Use Before using the pump change the DC voltage back to a lower setting to get an adequate flow rate, and notice that the length and diameter of the tubing will also affect the flow rate.

Cleaning/Storage Between use the pump should be cleaned and stored dry. Detach any tubing, empty the bath/vessels/chamber and refill with tap water adding a mild detergent or bleach if needed. Then let the pump run with this solution at 12 VDC for a few minutes, after which the pump and bath/vessels/chamber should be emptied and left upside down in order to drain the pump completely. Let it run for another five seconds until any remaining water escapes. Store in a dry place.