

ALGALPBR

Continuous Microalgae Control System

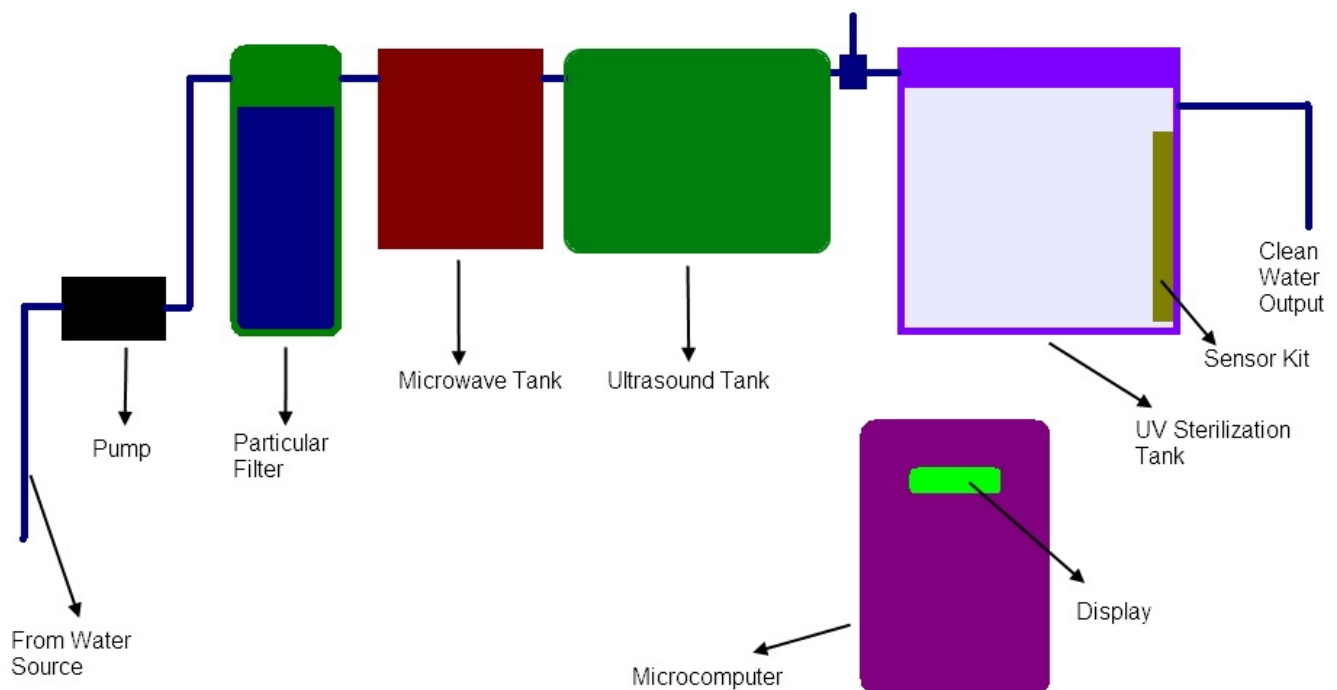
MACS (Continuous Microalgae Control System) is unique system that can clean water (seawater or fresh water) from microalgae and microalgal blooms.

MACS can clean water from all **unwanted microalgal contaminations** quickly and easily without any damage and detract to composition of natural water.

Until now, microalgae cleaning systems were very expensive and had very high production costs. However, MACS uses microwave and ultrasound technologies at the same time with low energy consumption and speed cleaning and purification.

Main System Parts:

- 1- Vacuum pump: Sends water to the system.
- 2- Particular Filter: Filter all grains that come from natural water.
- 3- Microwave sterilization: Sterilize all microalgal contaminations (for mutual cells).
- 4- Ultrasonic sterilization: Damages to microalgae cell walls (for young cells and spores).
- 5- UV sterilization: Last sterilization.
- 6- Microcomputer: Detects all inputs that comes from sensors and manage the system for administrator's needs.
- 7- Sensor Kit: For microalgal concentration, temperature, pressure, speed control, etc.



There are 6 different models for 6 different capacities:

Model No	Capacity	Real Quote Price	%50 Discounted price till 30.04.2010
MACS02	10m3/day	48.000 USD	24.000
MACS03	20m3/day	69.000 USD	34.500
MACS04	40m3/day	97.000 USD	48.500
MACS07	80m3/day	124.000 USD	62.000
MACS09	100m3/day	140.000 USD	70.000
MACS10	1000m3/day	700.000 USD	350.000





For more information: info@algalpbr.com