

# Sequential Batch Reactor (SBR) w/Options

## The most advanced design technology for pilot testing

This sequential batch reactor is automatic and treats using the 4 cycle steps of fill, aerate, settle, and decant. The unit is designed for pilot type testing of wastewater using wastewater direct from a facility or from a diluted concentrate. The pilot SBR is an ideal tool to model the bio-kinetics of wastewater and develop actual design parameters for each specific type of wastewater.



### Special features include:

- Adjustable process control timers for each cycle step
- Air flow meter in cubic feet/hour
- Effluent filter
- Continuous pH monitoring and control
- Nutrient addition in the fill cycle (N, P, Fe)
- Variable decant levels
- Adjustable wastewater influent concentrations
- Internal 1/3 hp mixing pump
- Skid mounted

### Options include:

- Add'l timer between settle and decant for anoxic reaction
- 65 gallon reaction tank
- Dual Oxygen and air feed capability
- Oxygen flow meter in cubic feet/hour

### Specifications:

The unit has a 5'(1.50 m) by 5'(1.5 m) footprint and is 48" tall.  
120 VAC 1Φ - 15 amps  
Compressed air 35 cfm @100psig



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