



## Bio250 Specifications

The Bio 250 is a fully self-contained aerobic digester made from carbon steel, epoxy coated on the interior. Functions include recirculation from treatment tanks for accelerated bioreaction. The Bio250 has a separate container for recirculation and spraybar pumps and controls.

ClearBlu Bio250 models have the following features:

- NEMA 4 control panels
- Flow range from 90 to 250 GPM
- 60,000 square feet of fixed film media
- 16,755 gallons tank capacity
- Ultrafine Bubble aeration, .02 MM bubble size, 11 #'s of O<sub>2</sub> per horsepower hour
- Blue White digital/programmable peristaltic metering pump for microbe injection
- Goulds industrial pumps with Viton double hard face silicon seals

Options:

- Automatic pH balancing
- Aeration from 1,200 to 6,000 pounds of oxygen per day (up to 300,000 cubic feet of air per day)
- Defoaming spraybar for foam prone waste streams
- Slant bottom tanks for desludging
- Automatic pinch valve and timer for discharging settled solids
- Parameter monitoring, recording and control: pH, BOD, TSS.

Applications:

- Wineries
- Breweries
- Food processors
- Meat packers