



AEROBIC DIGESTER

RB 252

Description:

The Aerobic digester is a device for simulation of activated sludge process which is widely used in water treatment plants. The process is involved with using aerobic micro organisms for degradation of water impurities in presence of air. Aeration is achieved via a air compressor and adjustable air rotamter. Utilizing a heater, the effect of temperature on the process can also be observed. A stirrer mechanism is also employed for better mixing. The degradation process can be observed through the transparent plexi glass reactor.

Specifications:

- Peristaltic pump
- Air compressor
- Reactor made with transparent plexi glass
- Reactor condenser copper coils
- Air rotameter
- DO analyzer
- PH meter
- Heater
- Temperature controller
- Electrical control panel
- Stirrer device
- Feed tank
- Product Tank
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Observation of activated sludge process
2. Degradation properties of activated sludge
3. Observing the effect of pH, temperature, air and liquid flow rate

Required For Operation:

- 220V Single Phase Electricity
- Urban Water Drainage
- Urban Water Supply (20-25 °C)
- Distilled Water
- Activated Sludge
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

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Dimensions (L*W*H) mm:1450x 850 x 1650

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