



ADSORPTION

RB 291

Description:

Adsorption is the process of disposing of particles dissolved in water using adsorbent materials. During this process, various factors affect the adsorption of solution, such as temperature, type and diameter of adsorbent, pH, etc. In this unit, two glass columns are used. Activated carbon is used as adsorbent and methylene blue solution is used as adsorbate.

Specifications:

- Two glass columns filled with activated carbon
- Water rotameter
- Pressure gauge and thermometer
- Circulation pump
- Tank with electrical heater
- Sampling valve in different position of column
- Glass specimen tubes
- Electrical control panel with displays and switches
- Peristaltic pump
- Wheeled carbon steel structure
- 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. Calculation of mass transfer
2. Equilibrium of adsorption mass
3. Study the concentration profile

Required For Operation:

- 220V Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm:1200x 750 x 1800

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