

Product Name :

Liquid in Liquid Diffusion Apparatus

Product Code :

ALABS-A153-008

**Description :****Liquid in Liquid Diffusion Apparatus**

The setup contains all necessary accessories to determine the diffusion coefficient of components in the liquid phase.

The diffusion cell is a well designed one to avoid any error during equimolar counter current diffusion between liquids of different concentration on each side of the cell. The diffusion vessel is of high quality Borosilicate Glass with a porous cell made up of ceramic. The Concentration of Solution is precisely measured with a precision Conductivity meter provided along with the setup.

The vessel is mounted over a Magnetic Stirrer cum hot plate of Superior quality provided with controls for vary the temperature and RPM to calculate the rate of diffusion at different temperature and mixing level

Experiment :

- Determination diffusion coefficient
- To study the effect of temperature on diffusion co-efficient

Feature :

- Superb Painted structure
- Simple to operate & maintain
- Compact & stand alone set up

Utilities Required :

- **Electric supply** Provide 230 +/- 10 VAC, 50 Hz, single phase electric supply with proper earthing. 5A, three pin socket with switch for Hot plate and conductivity meter
- **Chemicals for trial** as per your choice



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