

Product Name :
Solid In Air Diffusion Apparatus**Product Code :**
ALABS-A153-009**Description :****Solid In Air Diffusion Apparatus**

The set up consists of glass column, packing material, air rotameter and piping. Metered quantity of airflow is passed through the packed bed vertically upwards.

The flow rate can be independently varied to simulate different conditions using rotameter. Naphthalene balls of known weight and diameter are used to form the packed bed for the calculation of mass transfer co-efficient of vaporization in air

Experiment :

- To calculate the mass transfer co-efficient of vaporization of naphthalene in air using a packed bed of spherical particles of naphthalene

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 Mini Air Compressor
- **Chemicals for trial** Naphthalene Balls (Or as per your choice)
- **Air supply:** Clean, oil and moisture free air, pressure 2 Bar
- **Weighing Balance** 0.1gm resolution



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