



Email : sales@laboratoryinstrumentindia.com

Product Name :
Crystallization Vessel

Product Code :
LBNY-0005-1160006



Description :

The Crystallization Vessel study unit allows to acquire a basic knowledge of the crystallization process and the principles underlying it. It allows to carry out experiments concerning the separation of a solidifying solute from a liquid solvent in which it is dissolved, either by evaporating the solvent or by cooling down the solution. The study unit is supplied with manuals which describe all parts of the trainer, the installation and utilisation procedures, as well as many exercises with the relative results. That allows to perform crystallization tests on salts with a positive or negative solubility course according to the temperature.

Experiments:

Evaluation of the crystallization efficiency.
Plotting of the solution solubility curve according to the temperature.
Crystallization by evaporating the solvent.
Crystallization by cooling the solution.

Technical Specification :

Services required:

Water feeding: 900 l/h.
Electrical power supply: 220 V AC, single-phase, 50/60 Hz, 2.5 kW.
Weight and Dimensions:
Dimensions: 1200x600x1800 h mm
Weight: 80 kg.



Laboratory Instrument India