



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Absorption Refrigeration Cycle Study Unit

**Product Code :**  
LBNY-0005-11700031



#### **Description :**

The Absorption Refrigeration Cycle Study Unit is an extremely easy-to use and functional unit able to permit the study of an absorption refrigerating cycle. The cycle peculiarity is to generate low temperature using a heat source. The heat can be produced or by an electric source or by a gas burner. The cooling fluid is ammonia (NH<sub>3</sub>), housed in a sealed circuit. A front panel with a mimic diagram and instrumentation allows to keep the most significant thermodynamic quantities under control, so facilitating the students' understanding and the teachers' task. The unit is supplied with the electric resistance heater, but it is possible, on demand, to have the gas burner. A refrigerating room allows the cooling effect visualization. The main characteristic of the Absorption Refrigeration Cycle Study Unit is to enable the student to observe the absorption refrigerating cycle.

#### **Technical Specification :**

Absorption group power 130 W  
Weight and Dimensions:  
Dimensions: 600X600X1530 h mm  
Net weight: 86 kg  
Required services:  
Electrical supply 220V single-phase, 50Hz.

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# Laboratory Instrument India

