

**Product Name :**  
Electrolux Refrigerator Test Rig**Product Code :**  
ALABS-A104-113**Description :****Electrolux Refrigerator Test Rig**

The set up demonstrates the students about the basic principal of a vapour absorption refrigeration cycle. The test rig is designed for the study of thermodynamics of vapour absorption refrigeration cycle by measuring temperature at different position.

**Experimentation:**

To Calculate Co-efficient of performance.

**Utilities Required :**

Electric Supply : Single Phase, 220 V AC, 50 Hz, 5-15 Amp. combined socket with earth connection.

Bench Area : 1.5 m x 1m

**Technical Details :**

**Sealed Circuit** has no moving parts at all, which makes it Silent and very durable.

**Refrigerant** three fluid system Ammonia(NH3) + Water (H2O) + hydrogen (H2)

**Gas** SEC, Non –HCFC, Non–FCKW, Non –Freon

**Heating System** by electric resistance

**Evaporator** evaporator with facility to determine performance efficiency ratio (PER)

**Volume of Cabinet** Input –65 Watts, Electrical Consumption/24 Hrs. –0.8 kWh, Auto Defrost Fuzzy Logic System, Voltage

**Temperature Sensor**

**Digital Voltmeter**

**Digital Ammeter**

**Digital Temperature Measuring Indicator** with multi-channel switch.

**Instruction Manual** Instruction manual will be provided along with the Apparatus



**Equipments Exporters**

**Website:** [www.equipmentsexporters.com](http://www.equipmentsexporters.com), **Email:** [sales@equipmentsexporters.com](mailto:sales@equipmentsexporters.com)

**Address:** 75, Lajpat Nagar-IV, New Delhi-110024 **Phone:** +91-9311469084