



THE LAB EQUIPMENT

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**Product Name :**

Vapour Absorption Refrigeration Trainer

**Product Code :**

SLE/MCE/84



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## Description :

### Specification:

- Absorption refrigeration systems operate using thermal energy e.g. from industrial waste heat or from solar collectors.
- In small mobile systems, such as a camping refrigerator or minibar in a hotel, the required heat is generated electrically or by gas burner.
- This systems use the principle of liquids evaporating already at low temperatures when pressure is reduced.
- In process technology systems the resulting waste heat can be used for cooling.
- **Working medium:** ammonia-water solution
- **Auxiliary gas:** hydrogen
- **Electric heater:** 125W
- **Evaporator heater, adjustable:** 50W
- **Dimension:** 800 x 750 x 1200 mm
- **Weight (approx.):** 85 kg

### Measuring ranges:

- **Temperature:** 4x -80...180°C
- **Power:** 0...150W

### Power Supply required:

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase

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