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**Product Name :**  
One Evaporator And An Hermetic Compressor With Fault Simulation

**Product Code :**  
LBNY-0005-1170006



www.laboratoryinstrumentindia.com

**Description :**

The refrigerator circuit is made of copper pipes. The set of equipment and the vacuum and recharge station allow a fast assembly and disassembly of the refrigerator circuit. The Trainer On Industrial Refrigerators With One Evaporator And An Hermetic Compressor With Fault Simulation allows to study the circuit layout adopted in the normal industrial one-compartment refrigerator systems, fitted with positive temperature evaporator and hermetic compressor. The refrigerant is Freon R134a (HFC), CFC free, and the unit includes the measuring instruments that are necessary to monitor operating parameters and to test the refrigerator circuit. The student can rise his knowledge about the main components of a refrigerator plant, experiment the problems due to the filling and the emptying of the circuit and, at last, simulate some simple fault. A wheeled frame carries a horizontal working panel, fitted with a 80 mm clamp, and a vertical frame, where the main components of the unit and a screen printed synoptic panel are mounted at sight.

**Technical Specification :**

**Experiments:**

Filling of a refrigerator circuit and leak detection.

Fault simulation.

Study of the main components.

Assembly and disassembly of the circuit.

Required services:

Power supply: 220 V CA single phase, 50/60 Hz, 0.37 kW.

Power supply: 220 V CA single phase, 50/60 Hz, 0.5 kW.



**Laboratory Instrument India**