



## **BASIC REFRIGERATION DEMONSTRATION CYCLE MODEL: - IPC-55-BR**

The Basic refrigeration cycle demonstrator trainer is fully equipped to understand the principles of refrigeration cycle; the refrigeration demonstrator puts four main parts of refrigeration system into the hands of student, i.e. condenser, compressor, evaporator and control device. Components are arranged to clearly illustrate the cycle nature of refrigeration.

Sight glass allows to monitor the gas circulation by 1/5 HP hermetic compressor through capillary tube refrigerant control device. Before and after sight glasses, high / low pressure gauges permits continued observation as vapor moves through compressor and onto air-cooled condenser. Refrigerant is again visible through a sight glass as it passes to filter dryer prior to recycling.

The trainer is completely assembled with safety protection switch, main power switch, volt meter, ampere meter, indication lamps, temperature indicator, condenser, evaporator, compressor, sight glasses, capillary tube, high/low pressure gauges, charged with refrigerant 134A, along with refrigeration cycle block diagram. User manual, Operates on 220Volt 50Hz.