

Refrigeration Test Rig



Product Categories: [Engineering Equipment](#), [Refrigeration & Air Conditioning Lab](#)

Product Page: <https://www.labappara.com/product/refrigeration-test-rig/>

Product Description

Refrigeration Test Rig

Description:

The set up demonstrates the students about the basic principal of a refrigeration cycle. The test rig is designed for the study of thermodynamics of vapor Compression refrigeration cycle by way of demonstration and experimentation. It has a facility to measure various parameters for experimentation.

Technical Details:

Condenser: Air cooled compatible to 1/3 Ton compressor

Condenser Cooling fan: Compatible capacity with permanent lubricated motor.

Evaporator: Made of Stainless Steel, Insulated with ceramic wool/P.U.F.

Expansion Device: Capillary Tube, Compatible Capacity.

Pressure Gauges: 2 Nos. Safety Control: overload and over current protectors for compressor and Time delay circuit.

Temperature Sensor: RTD PT-100 Type.