

**Product Name :**  
Cold Storage Test Rig

**Product Code :**  
Conditioning Lab0004



### Description :

Cold Storage Test Rig

### Technical Specification :

This Laboratory scale working model housed on a M.S. Square tube frame and further mounted on a wheels(CI) with instrumentation panel is used. i) To study the vapor compression refrigeration cycle ii) To calculate Co-efficient of performance (C.O.P.)

- 01. Hermitically Sealed Compressor  
Capacity : 1/3 TON
- 02. Air Cooled Condenser  
Capacity : 1/2 HP
- 03. Condenser Cooling Fan  
Capacity : 1/83 HP
- 04. Rotameter (Refrigerant R 12) : 1 No
- 05. Cold Storage Cabinet : 5 Cft With Insulation
- 06. Filter Drier : DM 50 (1/4")
- 07. Energy Meter : 1 NO
- 08. Thermostatic Expansion Valve : 1 NO.
- 09. Pressure / Compound Gauges : 1 NO. each  
Range : 0 to 300 psi /- 30 " Hg to 150 psi
- 10. Measuring Instruments  
Digital Temperature Indicator :-30 to 199.9 deg.c.

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Optional : At Extra Cost Line Voltage Corrector  
Capacity : 2KVA  
Output : 230V+/- 10%

 **LAB ENGINEERING**

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