

SAP E & C COMPRESSOR TEST RIG
(PRODUCT CODE: SAP – 75)



The **Compressor Test Rig (SAP – 75)** outlines the basics of operation and testing of two stages Compressor.

COMPRESSOR TEST RIG (SAP – 75)

Technical Specification: -

No.	Item Name	Technical Specifications
1	Compressor-	Two stage, compressor with pressure switch. Speed:- 700 RPM, Max. Pressure:-10kg/cm ² , Tank capacity: 130 Liters
2	Motor-	3 Phase, 415V AC, 3H.P. motor
3	Temperature Indicator-	4 point temperature indicator, I/P; RTD(PT-100)
4	RPM Indicator-	Tachometer with inductive pickup sensor, Range: 50,000RPM
5	Temperature sensor-	4nos. RTD (PT-100 type).
6	Pressure gauges-	0-10kg/cm ² , 2.5" dial, (02 nos.) and 0-20kg/cm ² , 2.5" dial (01 no.)
7	Manometer-	With graduated scale, MOC: Glass, 0-300mm
8	Air drum with orifice	
9	Energy meter	

Features-

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Leak proof Safety Measures, & Robust Construction.
- ❖ Enhanced Electrical Safety Considerations.
- ❖ Training Manuals & mimic Charts for Operation Ease.
- ❖ M.S. powder coated panel with standard Instrument Mountings.
- ❖ Inbuilt Safety Measures to avoid improper usage.
- ❖ Comprehensive training manual supplied.
- ❖ Caster wheel mounted movable frame

Instruction Manual-

- ❖ Self explanatory.
- ❖ Operation manual will be provided with system.
- ❖ The detailed theories as well as practical exercises are included in the manual.

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Objectives-

- ❖ Study of working of Two Stage Air compressor.
- ❖ Study of calculation of efficiency of compressor.

Services Required-

- ❖ 1 ϕ Electric Supply of 230 VAC, 50Hz
- ❖ 3 ϕ Electric Supply of 440 VAC, 50Hz

Note-

All descriptive matter and illustrations are intended to give only a general idea of the equipment
Detailed specifications may be altered at the company's discretion without any notice.

Manufactured/Marketed By

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