



The Compressor Test Rig (52365) outlines the basics of operation and testing of two stages Compressor.

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

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

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	

Note: Specifications are subject to change.

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