NAUGRA®

Product name:	Product code:
Two Stage Air Compressor Test Rig	CMI-NP-1528



Description

Two stage reciprocating air compressor test rig with intercooler, air receiver and instruments, used to find volumetric and isothermal efficiency and study the effect of intercooling.

Technical specification

Motor	3 HP, 415 V, 3 phase
Mounting	Steel frame with panel

Standard Accessories

- Pressure gauges
- Experiment manual

The Two Stage Air Compressor Test Rig is used in thermal engineering labs to test a reciprocating compressor. Students measure air flow, pressures, temperatures and power input to work out volumetric and isothermal efficiency.

Features

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- Two stage compressor with intercooler
- Air receiver with safety valve
- Orifice and manometer for air flow
- Digital temperature indicators
- Energy meter for power input

Technical Specifications

Compressor	Two stage, 3 HP
Max pressure	10 kg/cm2
Air receiver	150 litres
Air flow	Orifice with U-tube manometer
Temperature sensors	RTD, 4 points