

Product Name :
Axial Fan Test Rig**Product Code :**
ALABS-A104-042**Description :****Axial Fan Test Rig**

This equipment comprises of a Axial Flow Fan coupled to a DC motor. Power input to the DC motor is varied by means of a Thyristor controlled DC Drive to vary the RPM of motor. A RPM indicator with proximity sensor indicates the RPM of Axial Fan.

A pitot tube is provided in the delivery line of the Axial Fan for static and dynamic pressure measurement.

Experiment:

- To find out the discharge, head and efficiency of the Axial Fan
- To plot the graph Efficiency Vs Discharge
- To plot the graph Discharge Vs Head

Utilities Required:

- Electricity 1 kW, 440V AC, single Phase
- Floor Area 2.5 x 0.75 m



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