

**Product Name :**  
Centrifugal Blower Test Rig**Product Code :**  
ALABS-A113-025**Description :****Centrifugal Blower Test Rig**

This equipment comprises of a FD Fan Centrifugal Blower coupled to a DC Motor. Three interchangeable impellers with forward, backward and radial vanes are provided with the test rig. 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 Blower.

A Pitot Tube is provided in the delivery line of blower for static and dynamic pressure measurement

**Experiment:**

- To study the effect of forward curved, back curved and radial curved impeller
- To find out the discharge, head and efficiency of the Centrifugal Blower
- 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

**Equipments Exporters**

**Website:** [www.equipmentsexporters.com](http://www.equipmentsexporters.com), **Email:** [sales@equipmentsexporters.com](mailto:sales@equipmentsexporters.com)

**Address:** 75, Lajpat Nagar-IV, New Delhi-110024 **Phone:** +91-9311469084