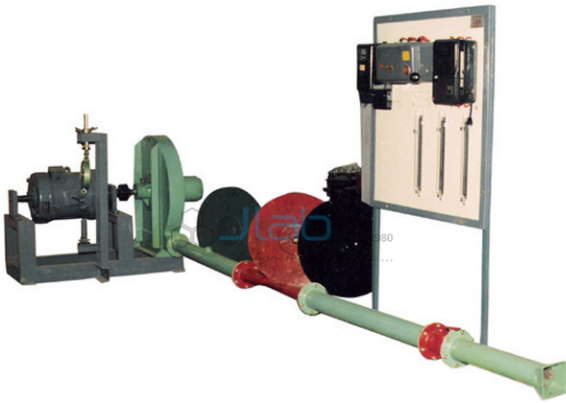


Product Code . JL-TELE-9436

Air Blower Test Rig



Description

Air Blower Test Rig

An experimental Centrifugal type air Blower suitable for experiments.

It consists of interchangeable impellers of backward, radial and forward curved vanes, so that the effect of different types of balding could be well demonstrated. The approximate discharge of air is 30 cubic meter per minute at a pressure of 25 cm of water column.

Discharge measurement:-

One Orifice meter and a differential manometer of 1.0 m height to measure the discharge.

Pressure Measurement:-

Two number of pitot tubes mounted at the inlet duct and outlet duct to determine the total pressure developed at inlet and outlet of the blower.

Motor:-

The Blower is coupled to an induction motor of 3HP.

The Blower is coupled with a Dynamo meter type motor with a stepped pulley arrangement to run at three different speeds, balance arm, dial type spring balance with a large size dial etc., to determine the input power of the blower.
