

Centrifugal Blower Test Rig



Product Categories: [Engineering Equipment](#), [Hydraulic Lab](#)

Product Page: <https://www.labappara.com/product/centrifugal-blower-test-rig/>

Product Description

Centrifugal Blower Test Rig

Technical Description:

This equipment comprises of a FD Centrifugal Blower coupled to a Motor. Three interchangeable impellers with forward, backward and radial vanes are provided with the test rig. A Pitot Tube is provided in the delivery line of blower for static 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.

TECHNICAL SPECIFICATION:

Fixed Speed :	AC motor, 1 HP
Blower :	Centrifugal, Forced Draft Type
Impeller (3 Nos.):	Forward Curved, Backward Curved & Radial Curved
Pitot Tube (with manometer) :	For Static, Dynamic & Differential Pressure measurement.
Stop watch:	Electronic
Control Panel Comprises of:	Standard make On/Off Switch, Mains Indicator

Energy measurement: Electronic Energy meter, L&T make.

MCB: For Over load Protection.

An ENGLISH instruction manual consisting of experimental procedures, block diagram etc. will be

provided along with the Apparatus

The whole set-up is well designed and arranged on a rigid structure painted with industrial PU

Paint.

Control Panel:

Standard make on/off switch, Mains Indicator.