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**Product Name :**  
Air Blower Test Setup

**Product Code :**  
SCHOOL-THM830019



**Description :**

Air Blower Test Setup

**Technical Specification :**

The Air Blower Test Setup experimental bench top unit for studying the air flow measurement and airflow characteristics in optional apparatus.

The set uses an industrial type centrifugal blower with inlet and outlet ducts, flow straighteners, a damper, various flow measuring devices using manometers for the study of air flow measurement according to BS 848 and 1042, ISO 5167.

Radial fans are used to transport gases with non-excessive pressure differences.

The medium is drawn in axially to the drive shaft of the radial fan and is deflected by 90° by the rotation of the rotor and discharged radially.

The experimental unit provides the basic experiments to get to know the operating behavior and the most important characteristic variables of radial fans.

Various measuring devices for the study of airflow are provided as an option.

Airflow measurement.

Bernoulli's experiment.

Airflow drag.

Boundary layer.

Flow Visualization.

Flow around a bend.

Airflow in pipes.

Free jet study.

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## **School Educational Instruments**

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