



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Wind Tunnel Flight Demonstration

**Product Code :**  
LBNY-0005-13700021



#### **Description :**

##### **Features:**

Materials of Construction:

Tunnel: Acrylic sheet or laminated glass up on requested.

Tail Pipe : Galvanized sheet metal.

Bell Mouth : Sheet metal

Blower : AC/DC motor , adjustable speed.

Smoke Generator : Oil Burning type 1 outlet port.

Electrical Supply : 380 vac 50 Hz, 3 phase.

Air Speed Indicator : Propeller type 0.4 - 30 m/s. , digital display.

Air Distributor : Acrylic sheet or aluminum sheet.

Wind Tunnel Flight Demonstration:

Tunnel Width : 60 cm

Tunnel Height : 40 cm

Tunnel Length : 100 cm

#### **Technical Specification :**

##### **Experimental Capabilities:**

Study of ventilation of architectural models.

Lift and drag of aero foils.

Study of air flow behavior thru / around engineering models.

Aero foils up on requested.

Pitot static tube.

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Optional Accessories.  
Boundary layers.  
20 tube manometers board 400 mm length.  
Drag models up on requested.  
Flutter wing.



**Laboratory Instrument India**