

**Product Name :**  
Wind Tunnel Flight Demonstration

**Product Code :**  
ENGLABINGCAG910003



**Description :**

Wind Tunnel Flight Demonstration

**Technical Specification :**

Tunnel Width : 60 cm  
Tunnel Height : 40 cm  
Tunnel Length : 100 cm  
Bell Mouth : Sheet metal  
Blower : AC/DC motor , adjustable speed.  
Air Speed Indicator : Propeller type 0.4 - 30 m/s. , digital display.  
Smoke Generator : Oil Burning type 1 outlet port.  
Electrical Supply : 380 vac 50 Hz, 3 phase.  
Materials of Construction :  
Tunnel : Acrylic sheet or laminated glass up on requested.  
Tail Pipe : Galvanized sheet metal.  
Bell Mouth : Sheet metal.  
Air Distributor : Acrylic sheet or aluminum sheet.

**Experimental Capabilities :**

Study of air flow behavior thru / around engineering models.  
Study of ventilation of architectural models.  
Lift and drag of aero foils.  
Boundary layers.

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Optional Accessories.

20 tube manometers board 400 mm length.

Drag models up on requested.

Aero foils up on requested.

Pitot static tube.

Flutter wing.



## Engineering Lab Equipment India