

Product Name :
Wind Tunnel Flight Demonstration

Product Code :
CHINAELABC3090004



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.
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 China