



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Aerodynamics Trainer

**Product Code :**  
LBNY-0005-103000211



#### **Description :**

Aerodynamics experiments in the fields of flow around, incident flow and flow through models, as well as further experiments in the field of steady incompressible flow.

Thermometer for measuring air temperature

Vertical measuring section with flow straightener and nozzle

16 tube manometers for displaying pressures

Radial fan infinitely variable via frequency converter.

Accessories for the field of flow around bodies:

Boundary Layers

Visualisation of Streamlines

Drag Forces

Coanda Effect

Accessories for the field of steady incompressible flow

Flow in a pipe elbow

Bernoulli's principle

Free Jets

#### **Technical Specification :**

##### **Technical Data:**

Radial fan

Max. volumetric flow rate: 15m<sup>3</sup>/min

Nozzle exit cross-section: 50x100mm

Max. flow velocity at the nozzle exit: 40m/s

---

Power consumption: 0,37kW.



**Laboratory Instrument India**