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**Product Name :**  
Air Flow Experimental Plant

**Product Code :**  
LBNY-0005-103000218



#### **Description :**

Experiments from the field of steady incompressible flow  
Radial fan infinitely variable via frequency converter  
Pitot tube in the free jet, 3-dimensional adjustable  
Different measuring objects: orifice plate, nozzle, iris diaphragm, pipe fittings  
16 tube manometers for displaying the pressures  
Horizontal measuring section  
Pitot tube within the pipe section, vertically adjustable at 3 positions.

#### **Technical Specification :**

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

External Pitot tube in the free jet, 3-dimensional adjustable  
Vertical: -80...120mm  
Horizontal: -140...140mm  
Inner diameter: 2mm  
Internal Pitot tube, sliding  
Inner diameter: 1,1mm  
Vertical: -40...40mm  
20 pressure measuring points  
Radial fan  
Max. flow rate: 22m/min  
Max. motor power: 550W  
Max. differential pressure: 0,73kPa

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16 tube manometers

Max. resolution 1Pa

Resolution 1-fold, 2-fold, 5-fold and 10-fold

Orifice plate/nozzle, diameter: 50mm

Iris diaphragm, diameter: 40...75mm

3 pipe fittings.



**Laboratory Instrument India**