

**Product Name :**  
Vertical Visualisation Of Flow Fields

**Product Code :**  
ENGLABINGCAG7900013



**Description :**

Vertical Visualisation Of Flow Fields

**Technical Specification :**

Visualisation of two-dimensional flows  
Streamline course in flow around and through models  
Flow separation  
Vortex formation, demonstration of Karman vortices  
Qualitative observation of the velocity distribution in laminar flow  
Analogy to air flow

**Specification**

Electrolytically generated hydrogen bubbles visualise flow fields of different models  
Closed water circuit with experimental section, storage tank, pump, valve to adjust the flow velocity  
Vertical experimental section with black background, LED illumination on both sides and 2 insert positions for the model  
Low-turbulence flow using stabilisation tank with flow straightener  
Bubble generator: platinum wire as cathode and frame of experimental section as anode  
Cathode can be inserted in different positions  
Setting cathode current, pulse and pause duration  
Switch cabinet with displays for cathode current and flow velocity



# Engineering Lab Equipment India