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**Product Name :**  
Visualisation Of Flow Fields

**Product Code :**  
LBNY-0005-103000198



#### **Description :**

Visualisation of flow fields by using electrolytically generated hydrogen bubbles  
Platinum wire as cathode and stainless steel plate as anode for electrolysis  
Different flow velocities via variable-speed circulating pump  
Flow straightener and glass spheres ensure consistent and low-turbulence flow  
Shallow water channel fitted with indirect LED illumination along the experimental section  
Setting power (with display), pulse and pause duration of the power and the flow velocity in the water channel  
Various models are included: aerofoil, rectangle, straight plate, curved plate, cylinder (various sizes), Various models for changes in cross-section.

#### **Technical Specification :**

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

Bubble generator  
Pause: 8,4...1800ms  
Pulse: 8,4...1800ms  
Current: 0...200mA  
Pump with adjustable speed  
Max. flow rate: 20L/min  
3 cathodes with platinum wire  
Length: 30, 50, 75mm  
Diameter: 0,2mm  
Water channel: approx. 6L  
Anode, stainless steel plate, L-shaped

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Illumination: white LEDs on the side walls of the water channel  
Experimental section: LxWxH: 550x150x50mm.



**Laboratory Instrument India**