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**Product Name :**  
Mini Axial Flow Impulse Turbine Demonstration Unit

**Product Code :**  
LBNY-0005-17200015



**Description :**

The turbine twin nozzles with flow control valves direct water jets to the runner radial blades. Mini Axial Flow Impulse Turbine Demonstration Unit is a mini axial flow impulse turbine for studying the turbine characteristics with data analysis by computer. The unit is to be used with Mini turbine service unit, and a computer. The unit consists of the mini axial flow impulse turbine with a dynamometer, output power sensors and software. Both are separately supplied.

**Experiments:**

Power output vs speed for various heads and flow rates.  
Efficiency vs speed for a given head and flow rate.  
Torque vs speed at various heads and flow rates.  
Racing characteristics.

**Technical Specification :**

Construction: Metal runner, twin nozzles and casing with transparent discharge section.  
Dynamometer: Mechanical brake.  
Sensors: Torque and speed.  
Maximum power: 25 W.  
Software for data display and analysis by computer.

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# Laboratory Instrument India

