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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.

Laboratory Instrument India

