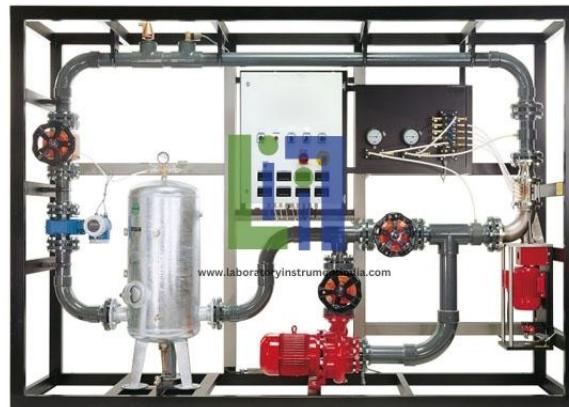




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Axial Flow Turbomachines

**Product Code :**  
LBNY-0005-103000181



**Description :**

Asynchronous motor with 4-quadrant operation via frequency converter  
Recovery of the brake energy  
Motor with pendulum bearing, torque measurement via lever arm and force sensor  
Investigation of an axial flow turbomachine.  
Measuring probe and differential pressure sensor for recording the pressure curve in the turbomachine  
Closed water circuit with expansion tank and centrifugal pump  
Inductive speed sensor on the motor  
Manometers for measuring the inlet and outlet pressures  
Turbomachine may be operated as a turbine and as a pump  
Electromagnetic flow meter  
Display of power consumption, torque, speed, pressure, differential pressure and flow rate  
Two sets of impellers and guide vane systems for pump mode and two sets of rotors and stators for turbine mode with different inlet and outlet angles.

**Technical Specification :**

**Technical Data:**

Centrifugal pump  
Max. flow rate: 150m/h  
Max. head: 10m  
Power: 5,5kW  
Asynchronous motor  
Expansion tank: 150L

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Torque: 0...5Nm  
Power: 1,5kW  
Speed: 0...3000min-1.



**Laboratory Instrument India**