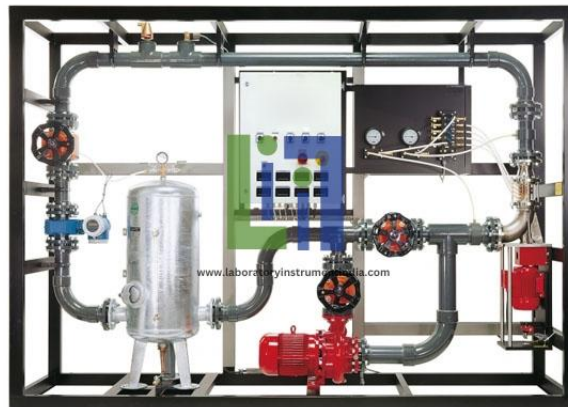




Email : sales@laboratoryinstrumentindia.com

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

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



Laboratory Instrument India