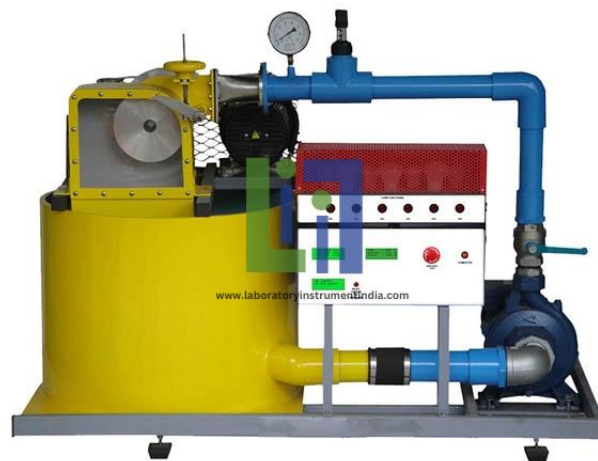




Email : sales@laboratoryinstrumentindia.com

Product Name :
Mini Hydro Power Plant

Product Code :
LBNY-0005-1720001



Description :

The unit consist of a storage tank and a pump to simulate a dam reservoir, a cross flow hydraulic turbine, a generator which is connected to the turbine by a V belt, a lamp load bank, a dynamometer, and measuring instrument. Mini Hydro Power Plant is a self contained bench top unit for studying the power generation by a hydraulic turbine.

Technical Specification :

Experiments:

- Mechanical efficiency vs speed for a given head and flow rate.
- Overall power plant efficiency at various electrical loads.
- Electrical power output at various heads and flow rates.
- Turbine torque vs speed at various heads and flow rates.
- Mechanical power output vs speed for various heads and flow rates.



Laboratory Instrument India