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Product Name :
Mini Kaplan Turbine Demonstration Unit

Product Code :
LBNY-0005-17200014



Description :

The Mini Kaplan Turbine Demonstration Unit is to be used with Mini Turbine Service Unit, and a computer. Mini Kaplan Turbine Demonstration Unit is a mini Kaplan turbine for studying the turbine characteristics with data analysis by computer. The turbine adjustable guide vanes direct water to the runner. Both are separately supplied. The unit consists of a mini Kaplan turbine with a dynamometer, output power sensors and software.

Experiments:

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

Technical Specification :

Non corrosion metal casing with transparent window and runner section.
Construction: Metal runner with adjustable guide vanes.
Maximum power: 15 W.
Software for data display and analysis by computer.
Dynamometer: Mechanical brake.
Sensors: Torque and speed.

Laboratory Instrument India

