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Product Name :
Mini Magnetic Field Demonstration Unit

Product Code :
LBNY-0005-1720007



Description :

The unit consists of the mini Pelton turbine with a dynamometer, output power sensors and software. The adjustable turbine nozzle directs water jet to the runner buckets. Mini Pelton Turbine Demonstration Unit Computer Interface is a mini Pelton turbine for studying the turbine characteristics with data analysis by computer. Both are separately supplied. The Mini Pelton Turbine Demonstration Unit Computer Interface unit is to be used with Mini turbine service unit, and a computer.

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 :

Construction: Stainless steel runner, nozzle and casing with transparent window.
Dynamometer: Mechanical brake.
Sensors: Torque and speed.
Maximum power: 40 W.
Software for data display and analysis by computer.

Laboratory Instrument India

