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Product Name :
Experiments With A Pelton Turbine

Product Code :
LBNY-0005-103000183



Description :

Turbine load using the wear-free and adjustable eddy current brake
Force sensor to determine the torque on turbine shaft
Turbine to place upon the base unit
Functioning and operating behaviour of a Pelton turbine
Constant pressure of the turbine represents in practice the head and is adjusted via
Transparent housing for observing the Pelton wheel and needle nozzle
Different nozzle cross-sections via adjustable nozzle needle
Optical speed sensor for measuring the turbine speed.

Technical Specification :

Technical Data:
Pelton turbine
Wheel diameter: 70mm
Power output: approx. 70W at 2700min⁻¹
Measuring ranges
Torque: 0..0,5Nm
Speed: 0...9000min⁻¹.

Laboratory Instrument India

