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Product Name :
Experiments With A Reaction Turbine

Product Code :
LBNY-0005-103000186



Description :

Turbine load using the wear-free and adjustable eddy current brake
Optical speed sensor for measuring the turbine speed
Turbine to place upon the base unit
Force sensor to determine the torque on turbine shaft
Functioning and operating behaviour of a reaction turbine
Water supply, flow rate measurement and unit-specific software data acquisition and operation via
Transparent housing for observing the discharged water jet
Constant pressure of the turbine represents in practice the head and is adjusted via.

Technical Specification :

Technical Data:

Turbine
Rotor diameter: 50mm
Power output: approx. 60W at 8000min⁻¹
Measuring ranges
Speed: 0..20000min⁻¹
Torque: 0..0,5Nm.

Laboratory Instrument India

