

Product Name :
Experiments with a Pelton Turbine

Product Code :
Fluid Equipments0020



Description :

Experiments with a Pelton Turbine

Technical Specification :

Experiments with a Pelton Turbine

Specification Of Experiments with a Pelton Turbine

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

Technical Data

Pelton turbine

- Power output: approx. 70W at 2700min-1
- Wheel diameter: 70mm

Measuring ranges

- Torque: 0..0,5Nm
- Speed: 0...9000min-1

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