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Product Name :
Pelton Turbine Test Rig

Product Code :
SCHOOL-TUB820008



Description :

Pelton Turbine Test Rig

Technical Specification :

FEATURES:

Turbine to place upon the hydraulic bench top service unit.

Illustrative model of a Pelton turbine.

Turbine wheel inside cast housing with acrylic panel to enable viewing.

Mechanical torque measured using dynamometer with spring balances.

Manometer shows pressure at turbine inlet.

Evaluation of measuring values and characteristics based on the theory.

Quick-release fitting for easy connection to Hydraulics Bench.

Educational software available as an option.

SPECIFICATIONS:

Pressure gauge range: 0-25m H₂O

Number of Pelton buckets: 16

Diameter of Pelton wheel: 123mm

Force balance range: 0-20N x 0.2N

Power required: 230v, 50hz, 1ph

Pelton turbine :

Speed range: 0-2000 rpm

Brake power: 10W

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