Product name:	Product code:
Demonstration Pelton Turbine	Fluid00029



Description

Demonstration Pelton Turbine

Technical specification

- Mechanical force measured using dynamometer and spring balances
- Inlet pressure gauge
- Quick release fitting for easy connection to hydraulics bench
- Educational Software available as an option

Demonstration Pelton Turbine

This accessory comprises a miniature Pelton wheel with spear valve arrangement mounted on a support frame which locates on the Hydraulics Bench top channel.

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Mechanical output from the turbine is absorbed using a simple friction dynamometer. Pressure at the spear valve is indicated on a remote gauge.

A non-contacting tachometer (not supplied) may be used to determine the speed of the Pelton wheel. Basic principles of the Pelton turbine may be demonstrated and, with appropriate measurements, power produced and efficiency may be determined.

Specification:

Turbine wheel inside cast housing with acrylic panel to allow viewing