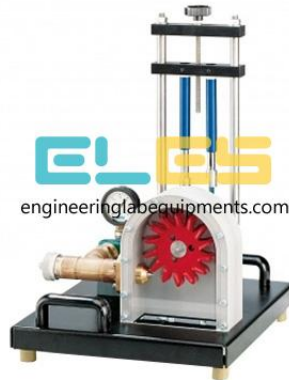


Product Name :
Demonstration Pelton Turbine

Product Code :
ENGLABINGCAG300010



Description :

Demonstration Pelton Turbine

Technical Specification :

FEATURES:

Model of an impulse turbine
Design and function of a Pelton turbine
Determination of torque, power and efficiency
Graphical representation of characteristic curves for torque, power and efficiency
Function of a Pelton turbine
Transparent front panel for observing the operating area
Loading the turbine by use of the band brake
Adjustable nozzle needle for setting different nozzle cross-sections
Marking on brake drum for non-contact speed measurement
Instruments: spring balances for determining the torque, manometer shows pressure at turbine inlet.
The experimental unit is positioned easily and securely on the work surface.

SPECIFICATION:

Pelton turbine :
Output: 5W at 500min⁻¹, approx. 30L/min, H=2m

Needle nozzle :
Jet diameter: 10mm

Pelton wheel :
14 blades
Blade width: 33,5mm
External Ø: 132mm

Measuring ranges :
Force: 2x 0...10N
Pressure: 0...1bar



Engineering Lab Equipment India