Order Code - 32028
Impulse Turbine

Features:

- Model of a Impulse Turbine
- Transparent Operating Area

Technical Description:

Typical for Impulse Turbines is the conversion of pressure into kinetic energy in a distributor.

The Turbines consists of the Impulse wheel, an adjustable needle jet as the distributor and the housing (transparent on one side). The turbine is loaded with a braking band. In addition, the water pressure can also be measured with the manometer located on the unit.

Experiments:

1. Determination of typical turbine curves

Specifications:

- Functional Model of a Impulse Turbine
- I x w x h : 400 x 400 x 620mm, Weight 12kg

Technical Data:

Turbine : Power Output approx. 5.6W (at V ≈ 30.7Ltr/min, H = 2m, n = 500rpm) Impeller : External Diameter 132mm, Width of vane 33.5mm, 14vanes

Nozzles : Diameter of stream 10mm

Dimensions and Weight

I x w x h : 400 x 400 x 620mm

Weight : approx. 12kg

Scope of Delivery

- Turbine with Braking Device, completely assembled on base plate
- Instruction Manual

Note: Specifications are subject to change.

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