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**Product Name :**  
Reaction Turbine Demonstration Unit

**Product Code :**  
LBNY-0005-103000261



**Description :**

The consists of an inlet manifold, which supplies water to a central hub. The turbine is mounted on a horizontal shaft with a clear acrylic splash guard to enable maximum visibility of the workings. This pressure can be accurately controlled using the software supplied with the service unit. The unit incorporates a pressure sensor to measure the inlet condition of the water. Water exits the hub radially through two square orifices. The hub is connected to the manifold using a graphite face seal.

**Technical Specification :**

Horizontal shaft and transparent guarding enable excellent visibility.  
Mounts on a dedicated service unit.  
Small-scale hydropower unit designed to demonstrate the operating principles of a reaction turbine.  
Connects to a PC via the service unit and a USB interface console.



**Laboratory Instrument India**