Product name:	Product code:
Reaction Turbine Demonstration Unit	Fluid00063

Description

Reaction Turbine Demonstration Unit

Technical specification

Reaction Turbine Demonstration Unit Reaction Turbine Demonstration Unit

Specification of **Reaction Turbine**

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

Description of **Reaction Turbine**

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

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