

## Reaction Turbine Apparatus (EDC-FM-141)

### EXPERIMENTAL DATA:

- Determining the characteristics of the Reaction Turbine.
- The dealings of:
  - volume flow rate.
  - torque produced.
  - power output.
  - efficiency to rotational speed.



### DESCRIPTION:

A Reaction turbine apparatus which is premeditated to be used in aggregation with the EDC-FM-100. A reaction turbine uses the momentum transferred from the reaction of a jet of water leaving a nozzle to generate power.

### TECHNICAL DATA:

- Maximum power: 10W.
- Inlet nozzle: 10mm.
- Rotor diameter: 55mm.
- Outlet nozzles: Qty 4, 1.5mm.

### DIMENSIONS AND WEIGHT:

- L x W x H (mm): 400 X 400X 650 approx.
- Weight: 22 kg approx.

### SCOPE OF DELIVERY:

- 1 x EDC-FM-141
- 1 x Instructional Manual

