

**Product Name :**  
Axial Flow Pump Test Rig**Product Code :**  
EEMECH45M0059ALTEC™**Description :**

Axial Flow Pump Test Rig

**Technical Specification :**

- In an axial-flow pump the pumping medium flows through the impeller in the axial direction.
- In axial-flow pumps, the pressure build-up is not achieved by the centrifugal force but like the aerodynamic principle, by the propeller blade.
- A temperature sensor measures the water temperature.
- The flow rate is measured with an electromagnetic flow meter.
- They are not self-priming and the propeller must always be covered by the pumping medium.
- Axial propeller pumps are used when high flow rates and a small head are needed.
- The closed water circuit means that the trainer can be used independently of the water system.
- The trainer is equipped with measuring elements for the pressures at the inlet and outlet of the pump.
- The typical areas of application for propeller pumps are drainage systems, wastewater treatment plants and cooling water supply systems.
- Pump Output: 1000W at 1000min-1

- Max. Flow rate: 700L/min
- Max. Head: 1,75m
- Tank: 160L
- flow rate: 0...1200L/min
- Temperature: 0...100°C
- Pressure (inlet):  $\pm 1$ bar
- Pressure (outlet): 0...0,6bar
- Power Supply: 230V, 50Hz, 1 phase
- Dimension: 1110x800x1380mm
- Weight: approx.: 154kg



## Equipments Exporters

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