

**Product Name :**  
Francis Turbine Test Rig- 5HP

**Product Code :**  
NLAB-MECHANICALAB220003



**Description :**

Francis Turbine Test Rig- 5HP

**Technical Specification :**

**DESCRIPTION**

The unit consists of Francis Turbine coupled to rope brake dynamometer.

**SPECIFICATION**

- Francis Turbine Designed to develop 3.7 Kw at 1500 RPM with a flow of 2000 LPM at 15 meters supply head, complete with rope brake arrangement, pressure & Vacuum Gauges for conducting experiments.
- Piping system consisting of pipes, valves and fittings complete set suitable for the Francis Turbine Test Rig.
- Supply pump set 15 HP 'Kirloskar' make suitable for supplying water to the above turbine

- Starter suitable for the above motor pump set.
- Flow measuring unit consisting of Venturimeter and mercury manometer.
- Rope brake dynamometer with spring balances.
- Mild steel sump to store sufficient water for experimentation and arranged within the floor space of the main unit and to operate without any concrete foundation.
- A technical manual accompanies the unit.

#### SERVICES REQUIRED

- 440 V, 32 A, AC supply.
- Floor space of 3m x 3m (approx)
- Tachometer (can be supply at extra cost.)

## Naugralabequipments

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