



Key features

A Francis Turbine test means conducting experiments, usually in a lab, to evaluate its performance by measuring key parameters like speed, pressure, flow rate, and power output to calculate its efficiency and understand how it converts water's energy into rotational mechanical energy, plotting performance curves. This involves setting up a rig with a pump, water source, turbine, and load (like a brake dynamometer), then taking readings at varying loads and speeds, crucial for hydropower plant design and operation.

Technical Specification:

- Model: 1.33
- Output Power: 1.33 HP/1KW,
- Discharge: 1000 LPM (Approx.)
- Supply Head: 10 m,
- Rope Brake Dynamometer: Dia 200 mm,
- Sump Tank: Capacity 300 Liters,
- Water Circulation: Capacity 5 HP,
- Centrifugal Pump : Three Phase,
- Speed: 1500 RPM (approx.),
- Runner: Having Curved Vanes,
- Discharge Measurement: Pitot tube with Manometer,
- Control Panel: Star/ Delta Starter,
- Mains Indicator, MCB for overload protection

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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