

MULTI TURBINE TESTING RIG

MODEL: FPE.MT

mechmatics
ENGINEERING PVT. LTD.



Self-contained, mobile unit of three different types on turbine; Pelton, Francis, and Kaplan. Designed for study of turbine characteristics under various flow rates and heads. Pump, storage tanks, turbine units connected in parallel, dynamometer for each turbine, instrumentation for measuring flow rate, speed, and torque.

Application includes Research and Academic Uses.

Specifications:

1. Power output from each turbine approx. 1 HP
2. Sump tank capacity : 400 liters High Grade Plastic
3. Flow rate measurement: Electromagnetic Flowmeter. Alternatively available Orifice meter with Burdon type pressure gauge.
4. Pump : Centrifugal type, 4 litre/sec, Head 20 mtrs; Motor 5 HP
5. Loading arrangement: Rope Brake Dynamometer Alternatively Digital Power/Torque Sensor or Electrical Dynamometer
6. On-screen display or USB interface with Data logging facility available
7. Comprehensive instruction manual
8. One Year On-site Warranty

** In the interest of continued improvements to our products, we reserve the right to change specifications without prior notification.*

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