

Francis Turbine Test Rig



- Pump capacity : 1 to 10 Hp (as per need)
- Venturi section for flow measurement
- Rope brake Dynamometer with scalable load indicator
- Manual control panel
- Automatic control panel (optional)
- Digital flow meter (optional)
- VFD provision for water flow rate change
- Pressure gauges
- Digital pressure transmitter (optional)
- Safety measures: HP switch, Emergency switch
- Provision of guide vane angle change in turbine
- Tank with epoxy / PU / marine coating to reduce corrosion

Propeller Type Water Current Meter

- The rotation of the Water Current Meter is sensed by sensor & gives pulsed output signal.
- Operating Range: 0.3 to 3.5 Meters per second
- Accuracy: For velocities >0.3 m/s, 0.5% Full scale
- Velocity Indicator: Digital Water Velocity Indicator



Hydrokinetic Turbine Test Rig



- Easily replaceable turbine section.
- Turbine smoothly guided by pedestal bearings on both sides.
- Generator capacity: 50 W to 500 W (customizable).
- Generator and turbine coupled with a coupling for easy engagement and disengagement.
- Corrosion-resistant epoxy or PU color coating on the structure.
- Guide vane provision for inward flow (customizable)

