

Product Name :

Submersible Pump Test Rig for engineering schools

Product Code :

Fluid Machinery007

Description :**Submersible Pump Test Rig, technical teaching equipment for engineering**

- The present Submersible Pump Test Rig is a self-contained unit operated on closed circuit basis containing a sump tank. The set-up consists of a Submersible Pump, which is mounted horizontally with sump tank. Flow of fluid is measured by using measuring tank and stop watch.

Experimentation:

- To determine total head, pump output, overall efficiency and pump efficiency of the submersible pump.
- To plot Graph Head vs Discharge Pump efficiency vs Discharge Pump HP vs Discharge.

Utilities Required:

- Electricity Supply: Single Phase, 220 V AC, 50 Hz, 5-15 amp combined socket with earth connection.
- Water Supply (Initial Fill).
- Floor Drain required.
- Floor Area Required: 1.5m x 0.75m

Technical Details:

- Pump:Submersible, Capacity 1 HP.
- Medium Flow:Clear Water.
- Sump Tank:Capacity 120 Ltrs.
- Flow Measurement:Using Measuring Tank (Capacity 90 Ltrs.) & Electronic Stop Watch
- Pressure Gauge:Bourdon type
- Energy measurement:Energy meter Electronic, L&T make.
- MCB:For overload protection.
- Instruction Manual:An ENGLISH instruction manual will be provided along with the Apparatus
- Tanks will be made of Stainless Steel.
- The whole set-up is well designed and arranged in a good quality painted structure

Technical Specification :

Submersible Pump Test Rig

Naugra Export

Website: www.naugraexport.com, **Email:** sales@naugraexport.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, 2601773