

Product Name :
Jet Pump Test Rig

Product Code :
NLAB-TECHNICALAB25004



Description :

Jet Pump Test Rig

Technical Specification :

The setup is designed to study the performance of jet pump.

Set up consists of a Mono-Block jet pump coupled with electrical motor, supply tank, measuring tank & pipe fittings for closed loop oil circulation. Pressure and Vacuum gauges are connected on delivery and suction side of pump for the purpose of measurement.

The flow rate of water is measured using measuring tank and stop watch provided

Experiment:

To determine overall efficiency and pump efficiency of the jet pump.

To plot Head vs. Discharge, Pump efficiency vs. Discharge

Utilities Required:

Electric supply

Provide 230 +/- 10 VAC, 50 Hz, single phase electric supply with proper earthing. (Neutral – Earth voltage less than 5 VAC.),

5A, three pin socket with switch for pump.

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