

Product Name :
Reciprocating Pump Test Rig**Product Code :**
ALABS-A104-052**Description :****Reciprocating Pump Test Rig**

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

Set up consists of a reciprocating pump coupled with electrical motor, supply tank, measuring tank & pipe fittings for closed loop water 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 reciprocating 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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