

Product Name :
Centrifugal Pump with Interchangeable Impellers**Product Code :**
ALABS-A104-469**Description :****Centrifugal Pump with Interchangeable Impellers**

Set up consists of a centrifugal 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.

Experiments:

- To determine overall efficiency and pump efficiency of
- To plot head vs. Discharge, pump efficiency vs.

Features:

- closed loop water circulation

- compact & stand-alone set up
- stainless steel tanks and wetted parts
- superb painted structure
- simple to operate & maintain

Utilities Required:**Electric supply:**

- Provide 230 +/- 10 vac, 50 hz, single
- Earth voltage less than 5 vac.) 5a, three pin socket with switch for pump.

Water supply:

- Tap water connection ½” bsp

Technical details:

- Product centrifugal pump test rig
- Pump
- Drive
- Supply tank
- Measuring tank
- Piping
- Stop watch
- Control panel
- With required electrical instrumentation
- Electronic
- GI/ PVC
- Capacity 75 ltrs. Moc ss fitted with piezometer tube & scale

- Capacity 120 ltrs. Moc ss
- DC motor with dc drive along with non-contact type digital rpm indicator capacity 1 hp speed 2800 rpm (max.), head 12m(max.)



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