

Product Name :
Impact of Jet Vanes Apparatus**Product Code :**
ALABS-A104-467**Description :****Impact of Jet Vanes Apparatus**

Impact of Jet Apparatus 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 Digital Timer provided in our Impact of Jet Apparatus.

Features:

- Water Circulation Closed loop.
- Compact & stand-alone set up
- MS Tanks with FRP Lining.
- Powder Coated Painted structure
- Simple to operate & maintain

Experiments :

- To investigate the forces produced by a water jet striking a flat or a curved surface.

Specification:

- **Pump** : ½ HP Centrifugal Pump.
- **AC Motor** : ½ HP 230V AC.
- **Supply Tank** : 120 Ltrs. Made of MS with FRP Lining.
- **Measuring tank** : 40 Ltrs. Made of MS with FRP Lining and fitted with piezo meter tube & scale.
- **Piping & Fittings** : GI/PVC with necessary Valves.
- Fitted with Nozzles dia. 6mm,8mm,10mm.
- Fitted with different Vane.
- Fitted with Load Cell and Digital Load Indicator.
- **Control panel** : 1HP DOL Starter.
- **Digital Timer** : MCB Load and Line Indicator.

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.
- Water supply Tap water connection ½. BSP



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