



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Impact of Jet Vanes Apparatus

**Product Code :**  
LBNY-0005-2020001



#### **Description :**

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. Impact of Jet Apparatus consists of a centrifugal pump coupled with electrical motor, supply tank, measuring tank & pipe fittings for closed loop water circulation.

#### **Features:**

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

#### **Experiments :**

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

#### **Technical Specification :**

- Pump : 1/2 HP Centrifugal Pump.
- Measuring tank : 40 Ltrs. Made of MS with FRP Lining and fitted with piezo meter tube & scale.
- Piping & Fittings : GI/PVC with necessary Valves.
- AC Motor : 1/2 HP 230V AC.
- Supply Tank : 120 Ltrs. Made of MS with FRP Lining.
- Fitted with Load Cell and Digital Load Indicator.

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Control panel : 1HP DOL Starter.

Digital Timer : MCB Load and Line Indicator.

Fitted with Nozzles dia. 6mm,8mm,10mm.

Fitted with different Vane.

Which requires Utilities like:

Electric supply with proper earthing. (Neutral . Earth voltage less than 5 VAC.)

5A, three pin socket with switch for pump.

Electric supply Provide : 230 +/-10 VAC, 50 Hz, Single phase

Water supply Tap water connection 1/2. BSP.



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