

## Jain Laboratory Instruments







Product Code . JL-DSO-10351

## **Pitot Tube Setup**

## **Description**

Pitot Tube Setup

It is used for fluid mechanics and machinery depending upon the customers' requirements.

Our vendors use premium quality raw material and advanced machinery for its making in compliance with the set industrial norms and standards.

Our experts conduct various quality inspections to make sure that Pitot Tube Setup stands high on performance, quality, durability and reliability.

**Experimental List** 

To find the co- efficient of pitot tube.

To find the point velocity at the centre of a tube for different flow rates.

## **Technical Specifications:-**

Pitot tube:- Material Acrylic With Attachment of pointer gauge, compatible to 1" Pipe

Pipe Line:- 1 Nos. of GI pipe

Pressure:- "U" Tube differential Manometer of 50cm for head loss Measurement.

Measuring Tank (Flow Measurement):- 300mm x 300mm x 300mm

**Sump Tank:- 600mm x 300mm x 300mm** 

Piping & Fittings::- GI Material used

Piezometer tube:- For measurement of water in measuring tank

Valves (Gunn Metal):- 2Nos. used for inlet and outlet, 1No.for Bypass, 1No. for water Control, 1 For Drain

Stop Watch:- Electronic

Pump:- 0.5HP Single Phase, 220VAC +10

**Tanks:-** Made of strong metal sheet.

Setup fitted on angle iron frame of size  $1280 \times 330 \times 910$  (mm)

The whole set-up is well designed and arranged in a good quality painted structure

Power Requirement: - 220 VAC +10%, 50 Hz

**Standard Accessories:-**

Power cable, Instruction manual

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