

Product Name :
Pitot Tube inclusive of Inlet Tank

Product Code :
NLAB-MECHANICALAB240046



Description :

Pitot Tube inclusive of Inlet tank, Outlet tank, Feed block and Manometer board

Technical Specification :

Pitot Static Tube uses the velocity principle, comprises a 20 mm bore acrylic tube with a 2.3 mm diameter pitot static tube with a modified NPL elliptical nose. The pitot static tube is mounted in a central tee piece, and is arranged so that it can be traversed across a single diameter of the tube to allow the velocity profile across the tube to be determined. The whole assembly can be rotated to any angle to allow traverses to be conducted across other diametric planes.

Experimental Capabilities

Demonstration of the Tube flow coefficient and verification of the relationship that flow is proportional to the head difference between total head and static head. Determination of velocity profile.

To Be Supplied With the Following Accessories;

Inlet tank

Outlet tank

Feed block

Manometer board

Dimensions and Weights Net:-

60 x 180 x 500 mm, 1.0 Kg. Gross:- 0.008m, 2.0 Kg.

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