

Product Name :
Pitot Tube Apparatus

Product Code :
ENGLABINGCAG300029



Description :

Pitot Tube Apparatus

Technical Specification :

Study of the function of a pitot static tube.
To use a pitot static tube.
Factor Cd determination in the Pitot tube.
Operation of a pitot static tube and pressurized water manometer
Velocity flow profile in a pipe
Determination of tube flow speed profiles.
Demonstration that the flow speed is proportional to the pressure difference between the total pressure and the static pressure.
Error determination in flow measurements using the Pitot tube as measurement instrument.
Demonstration that the fluid velocity is proportional to the square root of the head difference between the total head and the static head

Pitot static tube: Head diameter: 2.5 mm.
Transparent pipe: 32 mm. internal diameter
Transparent pipe: 430-mm.-length approx.
Hose connections.
Water manometer, 500 mm. length.
Easy and quick coupling system
Built-in. Anodized aluminum structure and panel of painted steel.



Engineering Lab Equipment India