

# PITOT TUBE DEMONSTRATOR TRAINER

Model Number : GOTT-PTDT-01



## DESCRIPTION

The change in flow speed within a tube can be determined with this unit. The Pitot static tube can be moved across the whole cross-section of the pipe and, thus, the pressure profile can be measured. This tube is connected to a manometer through hoses. The position of the measuring head relative to the bottom edge of the tube can be measured on a scale.

## FEATURES

- Pitot tube with scale to determine the position within the pipe diameter
- Includes pressurised water manometer with scale length 500mm

## SPECIFICATIONS

- Pitot tube - Composed of 4 static holes and total pressure tapping D3.
- Transparent tube - 170mm
- Length - 33.2 mm internal diameter and 850 mm length approx.
- Water inlet - Hose connections.
- Water manometer = 500 mm length.
- Easy and quick coupling system built-in.

## EXPERIMENT TOPICS

- Study of the function of a Pitot static tube.
- Use of a Pitot static tube.
- Determination of flow speed profiles in a pipe.
- Demonstration that flow speed is proportional to the pressure difference between total pressure and static pressure.

## Manuals :

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

## General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

## Warranty :

2 years

## ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
PITOT TUBE DEMONSTRATOR TRAINER	GOTT-PTDT-01	200-009

\* Proposed design only, subject to changes without any notice