

ORIFICE DISCHARGE TRAINER

Model Number : GOTT-ODCT-01



DESCRIPTION

GOTT-ODCT-01 is designed to determine the discharge coefficient of the orifice meter. There are many situations in the engineering field where it is necessary to know the flowrate in a pipe. There are various flow-measuring devices that all determine the flowrate in a pipe but the most common is the obstruction-type flowmeter. Obstruction flowmeters operate on the idea that a decrease in flow area in a pipe causes an increase in a velocity that in turn decreases the pressure. This correlation of pressure difference and velocity provides the means of measuring flowrate. The different obstruction-type flowmeters consist of the orifice meter, the nozzle meter and the Venturi meter. In this lab we will be measuring the flow through an orifice meter

FEATURES

- Cylindrical clear acrylic tank with orifice fitted in base
- Five interchangeable orifices
- Pitot tube and wire on micrometer to measure jet velocity and diameter
- Quick release fitting for easy connection to hydraulics bench

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
ORIFICE DISCHARGE TRAINER	GOTT-ODCT-01	200-006

* Proposed design only, subject to changes without any notice