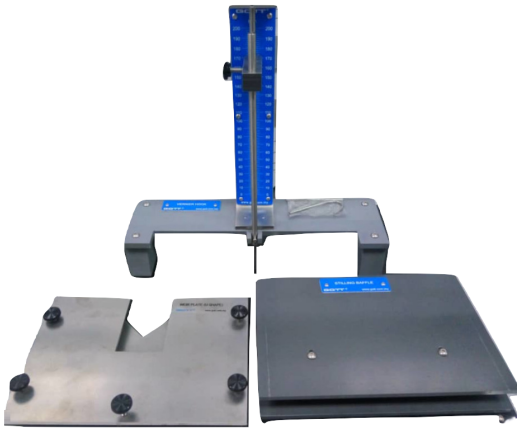
FLOW OVER WEIRS TRAINER

Model Number : GOTT-FOWT-01



DESCRIPTION

Fluid mechanics has developed as an analytical discipline from the application of the classical laws of statics, dynamics and thermodynamics, to situations in which fluids can be treated as continuous media. The particular laws involved are those of the conservation of mass, energy and momentum and, in each application, these laws may be simplified in an attempt to describe quantitatively the behaviour of the fluid. The Hydraulics Bench Description service module, provides the necessary facilities to support a comprehensive range of hydraulic models each of which is designed to demonstrate a particular aspect of hydraulic theory. The specific hydraulic model that we are concerned with for this experiment is the Basic Weir Apparatus. This consists of two simple weirs, a rectangular notch and a vee notch.

FEATURES

- Two stainless steel weir plates to fit in channel of hydraulics bench
- Vernier hook and point gauge with carrier
- Stilling baffle

SPECIFICATIONS

- Dimension of the weirs: 80mm x 20mm x 3mm
- Neckline angle in the V shape weir: 90°
- Dimension of the rectangular notch: 80mm x 20mm
- Scale of the level meter: 0mm – 200mm

EXPERIMENT TOPICS

- Rectangular weir in a thin wall
- V-shape weir in a thin wall

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
FLOW OVER WEIRS TRAINER	GOTT-FOWT-01	200-001

* Proposed design only, subject to changes without any notice