

FREE AND FORCED VORTICES APPARATUS

MODEL: FM11-H



FEATURES

- Compact, comprehensive, sturdy design

DESCRIPTION

The apparatus helps in study of vortex formation when liquid is under influence of rotational motion. Necessary arrangement enables complete study of the profile of both free and forced vortices under changing conditions of speed and volume of liquid.

INSTRUCTION MANUAL

Self-explanatory operating manuals are provided with each system. Detailed theory as well as practical exercises is also included in the manual

LIST OF EXPERIMENT

- Determination of surface profile of free and vortex
- Determination of total head variation in a free and forced vortex.
- Comparison of practical results with theoretical predictions

COMPONENTS

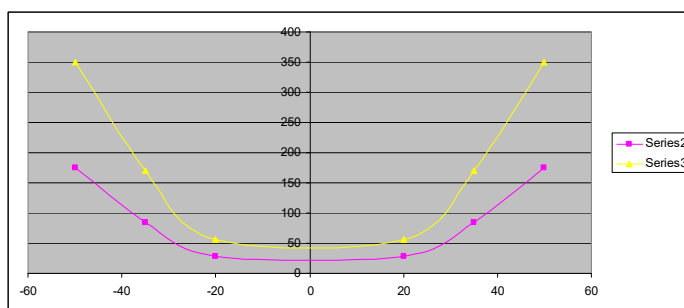
- Vortex vessel
- X-Y hook gauge
- Coil of pipe
- Electrical motor
- Arrangement to vary speed of the vortex vessel
- Centrifugal Pump
- Sump tank See model selection chart
- Piping
- Structure

SERVICES REQUIRED

- Water

MODEL SELECTION CHART

- FM11H-A: Sump Tank: FRP
- FM11H-B: Sump Tank: MS
- FM11H-C: Sump Tank: SS



NiYo Engineers

Unit 1B, Devgiri Industrial Estate, S. No. 17/1B Plot No. 14,
Kothrud, Pune 411 029 INDIA, Tel-91 20 2546 5004, 2546 8051, 2546 7296 Telefax -
91 20 2546 8051



- (1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
- (2) Photographs are indicative only