

REYNOLDS APPARATUS

MODEL: FM11L



FEATURES

- Compact, comprehensive, sturdy design

DESCRIPTION

The equipment consists of a transparent tube that is connected to a sump tank. The supply tank supplies the steady and uniform water flow into the tube. The flow rate and other parameters decide the nature of the flow. By injecting the dye one can visually observe the laminar, turbulent or transition flow patterns.

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

- Demonstration of Laminar and Turbulent Flow.
- To determine the Reynold's Number of flow.

COMPONENTS

- Dye Vessel
- Glass tube
- Measuring cylinder
- Stop watch
- Outlet valve
- Sump tank
- Pump
- Structure

SERVICES REQUIRED

- Water



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 -
01 20 2546 8051



ISO9001:2015