

# WATER FLOW MEASUREMENT TRAINER

## Introduction

This trainer is used to perform all the experiments of **WATER FLOW MEASUREMENT TRAINER**. It is useful for experimentation as well as project work.

This trainer is designed in fashion, all sections can be operate individually.

This is useful for and B.Tech And M.Tech.

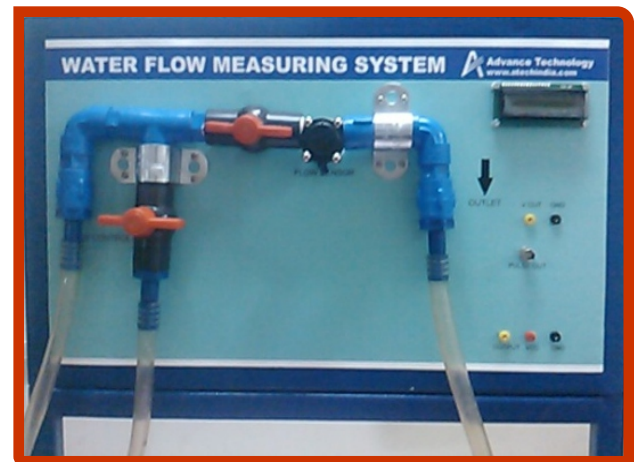
For research / Project work we give Re-programmable facility & PC interface with Lab view Easy to perform, This trainer is very useful for **ECE, EEE, EE, ME and I&C Eng** streams.

## Key Features

- 1~30 L/min Flow rate range measurement
- On Board Flow control provision
- On Board LCD Flow rate display unit
- On board BNC socket for CRO connectivity
- Provision for measurement of voltage in the form of voltage using millimeter
- On Board power supply
- Durable water container
- Unbreakable metal enclosure
- Capable to operate in commercial temperature
- Can work with Liquid temperature less than 120 degree C.
- Operating Pressure Under 1.2Mpa
- Based On 8051 Microcontroller
- Electric pump mechanism To provide flow of water

## Experiments

- TO study The Hardware for measurement of Water flow Unit .
- To Measure the flow of water and verify it with CRO output.



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