

# 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 in
- 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 Engg. streams

## Technical Specification

- 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.