



Sciencetech 2474M Flow Transducer Test Bench is designed to learn concept of water flow measurement. It helps students & industry professionals to understand operation of flow sensors in detail. Sciencetech 2474M Flow transducer test bench including, rotameter, flow nozzle, ss sump tank and measuring tank, pump, solenoid valve, digital Voltmeter and digital ammeter.

Features

- Included of different type of flow measuring devices like rotameter and flow nozzle.
- SS sump tank and measuring tank.
- On panel digital voltmeter, digital ammeter, toggle switch for pump and solenoid valve with indicator.
- Experiments configurable through patch board.
- Self - contained, bench-mounting arrangement.
- Castor wheel (with locking mechanism) is provided at legs of test bench so that it can be easily moved.
- Enhanced electrical safety consideration.

Scope of Learning

- Characteristics of flow nozzle and it's working.
- Flow measurement using Rotameter.
- Relation between the liquid flow and pressure.

Technical Specifications

Rotameter	:	1 no.
Flow range	:	0-2000LPH
Line size	:	½"
Body	:	Acrylic
Flow nozzle	:	1 no.
Flow range	:	0-2000LPH
Line size	:	½"
Body	:	SS
Type	:	Flanged
AC digital voltmeter	:	1 no.
Range	:	0-230VAC
AC digital ammeter	:	1 no.
Range	:	0-10A AC
Toggle switches	:	1 no.
Indicator	:	1 no.
Caster wheel	:	4 nos. (with lock), 2 (without lock)
Size	:	4"
Sump tank	:	1 no.
Material	:	SS
Capacity	:	25 liter
Measuring tank	:	1 no.
Material	:	SS
Capacity	:	40 liter
Pump	:	1 no.
Solenoid valve	:	1 no.
Line size	:	½"
Power supply	:	230V ± 10%, 50 / 60 Hz
Package contains	:	Mains cord : 1 no.