



Sciencetech 3008 Magnetic Flow meter Test Bench consists of an instrument panel and flow sensor area that is useful for study of the principal and working of specialized dedicated flow measuring setup. This system comprises of the latest components, which reflect the newest technological innovations in this field. Magnetic flow meter training system assists students and industry professionals in understanding the concepts and working of flow measuring instruments. This further enables them to learn advance and more complex flow process, and contribute to the growth of the instrumentation area.

Sciencetech 3008 magnetic flow meter training system includes magnetic flow transmitter, rotameter, 4-20ma current display, ss sump tank & measuring tank. Sciencetech 3008 allows the user to perform a wide range of experiments while learning intricate concepts in an interactive and simple manner.

Features

- Magnetic flow meter with 3 ½ digital display and output 4-20mA. A digital flow sensor is used to measure the flow rate in terms of liter/minute or liter/hour.
- Heavy duty Test bench
- The setup consists of rotameter, magnetic flowmeter, ss sump tank, ss measuring tank, rotameter, pump, 4-20ma current display and valves.
- Mono block pump of 0.5 HP with sump tank.
- SS measuring tank and sump tank.
- User friendly, self explanatory system.
- Switch for pump on/off operation.
- Enhanced electrical safety consideration.
- System frame with wheel arrangement for ease in movement.

Scope of Learning

- Study of magnetic flow meter.
- Flow rate measurement using magnetic flow meter.

Technical Specifications

Magnetic flow sensor	:	1 no.
Supply	:	230V AC
Output	:	4-20 mA
Flow	:	0 to 2000 LPH
Flow sensor type	:	Magnetic flow meter
Flow indication	:	3 ½ digital displays
Operating conditions	:	0-40°C, 85% RH
Rotameter	:	1 no.
Fluid	:	Water
Range	:	0 to 2000LPH
Material	:	Acrylic
Current display	:	1 no.
Supply	:	230V AC
Current range	:	4 to 20mA
Pump	:	1 no.
Supply	:	230V AC
Power	:	0.5 HP
Sump tank	:	1 no.
Capacity	:	40 liters
Measuring tank	:	1 no.
Capacity	:	40 liters
List of accessories	:	2mm patch cords : 2 nos. Mains cord : 1 no.