



info@e2einnovative.com

E2E Innovative Solutions

www.e2einnovative.com



Water Flow Meter



Introduction :

The Electromagnetic Flow Meter accurately measures the flow rate of any conducting liquid or slurry that is flowing in closed pipes. It is obstruction less and hence offers no pressure drop in the process.

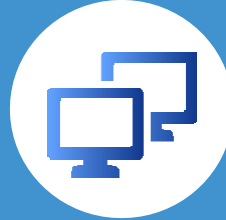
The absence of moving parts ensures that there is no need for maintenance. The performance of the instrument is not affected by the properties of the material such as corrosiveness, viscosity, density, acidity, and alkalinity. It can measure the flow of liquids, pastes, and slurries in water, wastewater. Suitable for chemical, fertilizer, paper, dairy, sugar, food and beverage industries.



High Accuracy



Telemetry



Display Screen



Cloud Server Connectivity

Applications :

- ✓ Circulating water/service water
- ✓ District heating networks
- ✓ Pump protection
- ✓ Condensate, feed water and light oil measurement
- ✓ Crude and light oil
- ✓ Industrial and Waste Water
- ✓ Aggressive and toxic fluid
- ✓ Measurement of heat carriers, (thermal oils)
- ✓ Irrigation
- ✓ Hot and cold water
- ✓ Cooling systems and air-conditioning units
- ✓ Hydraulic compensation
- ✓ Sewage treatment plant
- ✓ Drinking water networks, verification of water meters
- ✓ Pump protection
- ✓ Distribution and consumption metering
- ✓ Leak detection
- ✓ Hygienic, reliable measurement of fluid
- ✓ Dosage measurements
- ✓ Cleaning solutions
- ✓ Water
- ✓ Beverages
- ✓ Pump control and setup
- ✓ Optimization of heating systems



Water Flow Meter

Technical Specifications

Type	Details
Line Size	15 NB to 600 NB
Electrode MOC	SS316
Flow Units	m3/h, m3/m, m3/s, l/h, l/m, m/s, usg/h, usg/m, usg/s
Output	4-20 mA & RS485
Power Supply	220 VAC/24 VDC
Process Temperature	Up to 80 Degree Celsius For Rubber Up to 150 Degree Celsius For PTFE
Pressure	10 bar standard
Display	Backlit LCD 128*64, 5 digit flow, 10 digit totalizer
Accuracy	+/-0.5 to 1 % of reading
Direction	Forward / Reverse selectable through keypad



Features:

- Unaffected by the temperature, pressure, density, or viscosity of the liquid.
- Able to detect liquids that include contaminants (solids, air bubbles)
- There is no pressure loss.
- Wifi based - sim card based.
- Cloud server connectivity.
- Telemetry.
- No moving parts (improves reliability)
- The converter use display, it is easy to read the data.
- The accuracy will be unaffected by the change of fluid density, viscosity, temperature, pressure and conductivity.