

## Electromagnetic Flow Meter

Electromagnetic Flow Meter adopts the technology of insertion of single chip to realize digital excitation main line. It can realize site indication and output electric current signal of 4-20mA which can be used to record, regulate and control. Now electromagnetic flow meter are widely used in industry sectors such as Chemicals, Pharmaceuticals, Paper, Metallurgy, Sugar Fertilizer, Food & Beverages, Sugar, Aluminum, Steel, Cement, Water & Waste Water, etc. Besides measuring the flow rate of general conductive liquid electromagnetic flow meter can measure the flow of volume of liquid-solid mixed fluid. High-viscosity fluid and salt, strong acid and alkali.



### Key Features:

- ❖ Simple structures, reliable, no movable parts and long operation life.
- ❖ No parts of intercepting fluid, no pressure loss and fluid clogging.
- ❖ No mechanical inertia, quick response and good stability, application in automatic examination, regulation and controlling.
- ❖ Measuring accuracy is uninfluenced by the physical parameters such as type temperature, viscosity, density & pressure.
- ❖ Employment of Teflon or Rubber liner and different combination of electrode materials such as HC, HB, 316L, Ti and meet the need of different mediums.
- ❖ Adopt EEPROM memory, measuring operation data, safe and firm protection of memory.
- ❖ Integral type flow meter and detachable type flow meters.
- ❖ LCD illumination display with high clearness.

### Technical Specification:

Size	: 25mm to 200mm	Working pressure	: 16 Bar
Accuracy	: ±0.5%	Working Temperature	: Ambient
Display	: Integral/Remote	Electrode Material	: SS316, HC, HT/optional
Conductivity	: More than 5µs/cm	Sensor lining	: Rubber or Teflon/optional
Flow range	: As per line size	Housing Material	: Cast Steel
Operation Pressure	: 1.6 MPa	End connection	: Flange
Temperature	: -40° C to 50°C	Flange standard	: ANSI 150
Protection class for Sensor	: Integral type IP65	Repeatability	: 0.2% of span
Output	: 4-20mA ( RS485 or RS232optional)	Display Unit	: m <sup>3</sup> , liter
Power Voltage	: 24VDC/80-300VAC	Cable length for remote display	: 10m
		Protection class for transmitter	: 1P67

**SNAQUA SYSTEM INC.**

14/2, Radheypuri Extn-2, Jagtapuri Delhi-110051

Mobile No: 8447737928 | Email Id: info@snaqua.org | Website: www.snaqua.org