

Vortex Flow Meter

Vortex Flow Meter - Baite Flow Instrument

& FEATURES

LCD display intelligent biogas flowmeter/ IP67 flange connection rs485 heated steam vortex flow meter supplier

1. IP67 flange connection rs485 heated steam vortex flow meter has a wide measuring range, high precision, small pressure loss, high reliability and long-term stability
2. Structure is simple, easy to install and maintain, no moving parts, no mechanical wear.
3. Unique design of the amplification board, gas or liquid can be used.
4. Can be long-distance transmission of flow signals, and computer networking, centralized management; It has a variety of data transmission methods, including 4-20ma output, frequency output, RS485 output.



& PRODUCT DETAILS

Integrated temperature and pressure compensation

The flow meter is integrated with temperature sensor and pressure transmitter to display steam in realtime Flow, temperature, pressure value.

1. Connection mode: Flange clamping/ flange connection
2. Power supply mode: Powered 24VDC + 3.6V Lithium battery lasts for 3 years, suitable for installation in high locations without connection.
3. The elongated screen makes it easy to observe when installing the meter in high positions that are difficult to regularly monitor
4. Output mode: 4~20mA/ pulse output
5. Communication: RS485 HART communication
6. Accuracy class: Liquid $\pm 1\%$, gas or steam $\pm 0.5\%$ / $\pm 1\%$

LCD Digital Display Converter

On-site LCD converter display, real-time temperature, pressure, instantaneous flow, cumulative flow



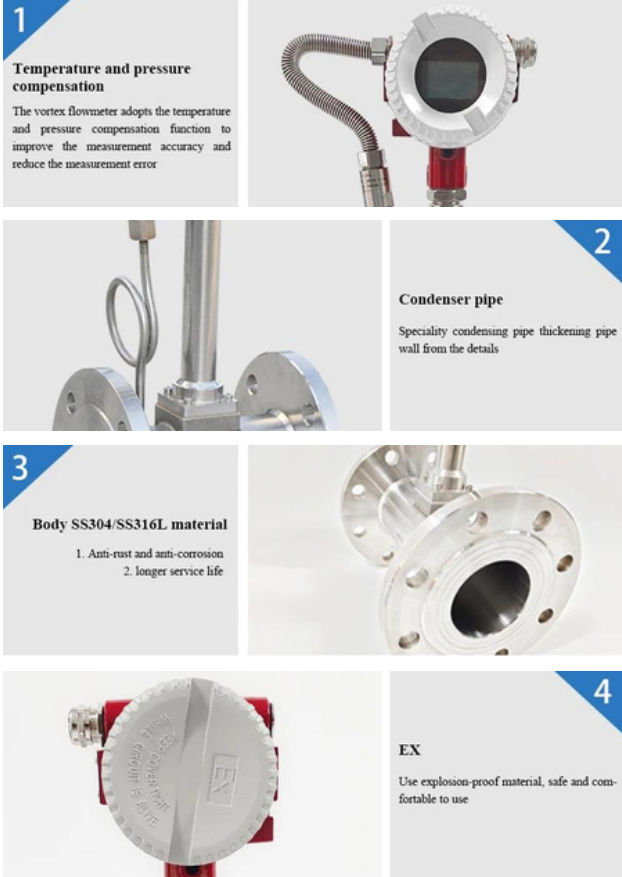
123.456	m ³ /h
Σ: 123456.789	m ³
P=1234.5	kPa T=123.4 °C

Instantaneous flow unit: m³/h, m³/min, L/h, L/min, T /h, kg/h, kg/min

Cumulative flow unit: T, L, M³, kg

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& PRODUCT DETAILS



& PRODUCT PARAMETER

Measured Medium	Liquid;Gas;steam;oxygen;biogas; air;overheat steam
Medium Temp	-40~+250°C;-40~+350°C (high temperature probe)
Accuracy	±1.0%, ±1.5%
Specifications	DN15~DN300mm (flange); DN200-3000mm (insertion type)
Sensor Material	Carbon steel, SS304, SS316L
Protection grade	IP65, IP68
Ex-proof class	Exd IICT6 Gb
Power Supply	12-24V/DC or 3.6V battery powered
Signal Output	Pulse, 4-20mA, Hart, RS485