Product quotation Printed on: October 23, 2025



Product quotation

# Digital Vortex Flow Meter USA



### Call for price (01728262625)

Brand: Smart Measurement CO,. Ltd (SMC).

Origin: USA

Type: Vortex

Monitor: Remote Type

Size: DN 25~ 300 mm

Max. Temp:(100~250) deg C

Max. Pressure:1.6 Mpa (16 bar)

Accuracy;1.5%

**Body Material: SS** 

Single Output:4~20 mA, Rs485

Power Supply:24V DC

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#### Key Features Digital Vortex Flow Meters:

- Reliable Flow Measurement: The vortex flow meter utilizes a robust and accurate vortex shedding principle for precise flow rate measurement.
- High Accuracy: The meter offers high accuracy typically within  $\pm 0.5\%$  to  $\pm 1.0\%$  of reading.
- Wide Flow Range: It can handle a wide range of flow rates, from very low to very high.
- Versatility: Suitable for measuring various fluids, including water, steam, air, natural gas, and more.
- Digital Readout: Provides clear and easy-to-read flow rate information.
- Durable Construction: The meter is built to withstand harsh environments and industrial conditions.
- Low Maintenance: No moving parts, ensuring minimal maintenance requirements.

## Benefits of Digital Vortex Flow Meters

Digital Vortex Flow Meters offer several advantages for accurate and reliable flow measurement:

#### **High Accuracy:**

- Precision: They provide highly accurate flow rate measurements, typically within  $\pm 0.5\%$  to  $\pm 1.0\%$  of reading.
- Repeatability: The meters offer consistent and repeatable measurements over time.

## Wide Flow Range:

- Versatility: They can handle a wide range of flow rates, from very low to very high.
- Adaptability: This makes them suitable for various applications, from smallscale to large-scale industrial processes.

## Reliability and Durability:

- No Moving Parts: The absence of moving parts reduces the risk of mechanical failures and increases the meter's lifespan.
- Robust Construction: They are designed to withstand harsh environments and industrial conditions.
- Minimal Maintenance: The simple design requires minimal maintenance, reducing downtime and operational costs.

## Independence from Fluid Properties:

• Temperature and Pressure Invariance: The flow rate measurement is not significantly affected by changes in temperature or pressure.

• Wide Fluid Compatibility: They can measure the flow of various fluids, including water, steam, air, natural gas, and more.

#### Cost-Effective:

- Lower Maintenance Costs: The minimal maintenance requirements reduce long-term operational costs.
- Competitive Pricing: Vortex flow meters often offer a good balance of performance and cost.

### Digital Readout and Data Integration:

- Clear and Easy-to-Read: The digital display provides clear and precise flow rate information.
- Data Integration: The meters can be easily integrated with other control and monitoring systems for data logging and analysis.

#### Reduced Pressure Loss:

• Efficient Flow: They cause minimal pressure loss in the flow path, improving overall system efficiency.

## Why Choose Aquafit Technologies for Your Water related product

When it comes to selecting a water related product, Aquafit Technologies stands out as a top choice for several compelling reasons. Here's why our clients prefer us over others:

- 1. Economical Pricing: We offer high-quality product at competitive prices, ensuring that you get the best value for your money without compromising on quality.
- 2. Rapid Service: Our dedicated team provides quick and efficient service, addressing any issues or queries promptly to ensure your purifier remains in optimal condition.
- 4. Extensive Service Network: With over fifty service centers across Bangladesh, we ensure that help is always close by, no matter where you are.
- 5. Affordable Parts: We provide parts at the lowest prices, making it economical to maintain your product and keep it running efficiently.
- 7. 24/7 Service Centers: Our service centers operate around the clock, offering support whenever you need it, including evenings and weekends.
- 8. 100% Return Policy: We stand by the quality of our products with a 100% return

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policy on any default items, ensuring complete customer satisfaction.

9. Client Satisfaction First: At Aquafit Technologies, we prioritize client satisfaction above all else, striving to exceed your expectations with every interaction.

10. Flexible Payment Options: We accept payments through more than 20 bank cards and mobile banking services, making transactions convenient and hasslefree.

Choosing Aquafit Technologies means opting for quality, reliability, and exceptional customer service. Experience the difference with our top-rated products and join the many satisfied clients who trust us for their water purification needs.