



Vision World Tech Pvt. Ltd.  
*Vision For Futuristic Technology*



# VORTEX FLOW METER

VIFLOW-VFM-013

## ABOUT US

Vortex flow meters do not just measure the flow rate. They also employ temperature and pressure measurement to deliver a mass flow rate for gases, liquids, or steam. Because so many process parameters are being measured at one exact point in the process line, they can deliver a much more accurate measurement than stand-alone flow meters. Having three different types of measurement in one instrument saves money and decreases the complexity of installation and maintenance.

## PRODUCT DESCRIPTION

The Vortex Flow Meter is a highly reliable and accurate flow measurement instrument designed for measuring steam, gases, and liquids in industrial applications. It operates on the Karman Vortex Shedding Principle, where vortices generated by fluid flow are detected and converted into precise flow measurements.

This technology ensures stable performance even in high temperature, high pressure, and harsh industrial environments, making it ideal for continuous process monitoring



## APPLICATION'S



Cement Industries



waste water treatment plant



Chemical and petrochemical industries



Pharmaceutical Industry



HVAC and energy management systems



Food & Beverage Industry

**5000+ Installation of Flow-meters, Data-loggers, RTU, Analyzers & Many More.**



## FEATURES



### No Moving Parts

Low maintenance flow measurement



### Handles Extreme

Resistant to high temperature & Pressure



### High Accuracy

Reliable and repeatable readings



### Corrosion-Resistant Build

Built for harsh environments



### Wide Measurement Range

Suitable for steam, gas, liquids



### Rugged & Durable

Robust industrial construction



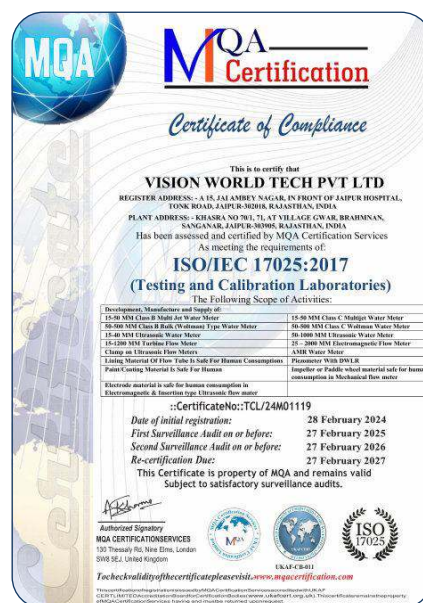
# TECHNICAL SPECIFICATION



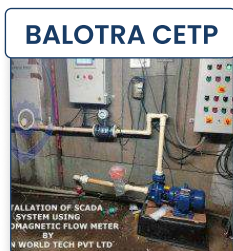
Model  
**VIFLOW-VFM-013**

|                       |                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------|
| Display               | LCD with Flow Rate                                                                      |
| Measuring Medium      | Steam, Gas, Liquid                                                                      |
| Liquid                | $\pm 0.75\%$ to $\pm 10\%$                                                              |
| Pipe Size (Line Size) | DN15 to DN300 (or higher depending on model)                                            |
| Gas/Steam             | $\pm 1.0\%$ to $\pm 1.5\%$                                                              |
| Flow Range            | 10:1 to 30:1                                                                            |
| Output Signal         | 4 20 mA Analog Output                                                                   |
| Accuracy              | $\pm 1.0\%$ (Flange)                                                                    |
| Sensor Material       | Stainless Steel                                                                         |
| Range                 | Liquid: $\pm 0.4$ – $7.0$ m/s Gas: $\pm 4.0$ – $60.0$ m/s Steam: $\pm 5.0$ – $70.0$ m/s |





- Centralized Monitoring System
- Continuous Effluent Monitoring



- **SCADA** System with Flow Meter
- Continuous Effluent Monitoring



- **SCADA** + Flow Meter Integration
- Industrial Wastewater Monitoring



- **SCADA** + Flow Meter Integration
- Industrial Wastewater Monitoring



- Flow Measurement & Compliance System
- Smart Data Logging Solution



**Vision World Tech Pvt. Ltd.**  
*Vision For Futuristic Technology*



Proudly Serving Industries  
**Across India**

### Head Office :



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