VORTEX METERS

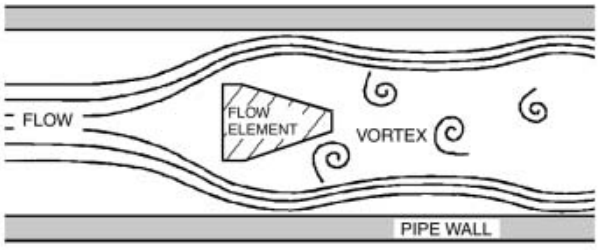
2150 & 7150 Series

Applications

- Steam
- Liquids
- Gases
- Cryogenic Fluids
- Oil

Product Overview

ISTEC's 2150 & 7150 Series Vortex Meters can be used to measure the flow of a wide variety of liquids and gases. They are available in wafer or flange configurations with various output signal and remote display options.



FLOW PATTERN GENERATED BY A VORTEX SHEDDING FLOW ELEMENT

When a liquid or gas flows around a fixed body (vortex shedder), flow-related effects produce vortices downstream. These vortices are shed alternatively from side to side in a regular pattern. The pressure variation caused by the vortices can be measured electronically and be converted into exact flow or volume units.

Technical Specifications

Sizes	3/4" to 8" (wafer or flange)
Pressure	Up to 1500 psig
Temperature	Up to 800°F
Accuracy	± 1.0%
Repeatability	± 0.1%
Construction	316 SS
Electronics	NEMA 4X
Power Supply	10.5 to 50VDC

Features

- Accuracy within ± 1.0% of reading
- Remote reading capability
- Low maintenance
- Minimal pressure loss
- No recalibration
- Low total cost
- Easy installation
- Liquid, gas or steam can be measured
- All stainless steel construction
- High pressure - high temperature rating
- Rugged construction
- Repeatability ± 0.1% of reading
- Digital and/or analog output
- Fast response time

How to Order

In order to quote the correct meter, the following information is necessary:

- Type of Medium (Gas, Steam, etc.)
- Temperature (°F)
- Pressure (psi)
- Minimum Flow Rate (lbs/hr, gpm, etc.)
- Maximum Flow Rate (lbs/hr, gpm, etc.)
- Pipe Size (inches)
- Pipe Schedule (40 or 80)
- Type of Display (Rate or Rate & Total)
- Output (4-20mA Scale)

ISTEC
Flow Measurement & Control

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