

ELECTROMAGNETIC METERS

6000 Series



Product Overview

ISTEC's 6000 Series Magnetic Flowmeters are designed to measure liquids or slurries (even abrasive or corrosive fluids) with electrical conductivity. Their accuracy is unaffected by viscosity, density, pressure or other physical characteristics. Available in a number of common body (sensor) styles, these meters can be installed horizontally or vertically, even next to elbows.

Numerous Converter options are available to power the sensor coils and process the flow data. They can be mounted remotely or directly to the sensor and provide a LCD display. Standard features include multiple outputs and alarms.

Features

- Remote reading capability
- Low maintenance
- Minimal pressure loss
- Easy installation
- High pressure - high temperature rating
- Rugged construction
- Digital and/or analog output

Applications

- Liquids with Suspended Solids
- Slurries
- Corrosive Liquids
- Waste Water
- Food Products
- Beverages

Technical Specifications

Accuracy	± 0.25% from 3 ft/sec to 36 ft/sec
Sizes	1/8" to 42"
Flow	0.1 to 155,000 gpm
Styles	NPT, Tri-Clover, Wafer & Flanged
Flow Tube	Stainless Steel
Lining	PTFE, PP, EPDM & Hard Rubber
Electrodes	316 SS, Hastelloy B & C, Platinum, Tantalum or Titanium
Connections	NPT: 316 SS or Hastelloy Flange: Epoxy Coated Carbon Steel or 304 SS
Pressure	NPT: 225 psig @ Ambient Temperature Wafer: Compatible with ANSI 150 Flanged: Compatible with ANSI 150
Temperature:	NPT: Up to 300°F Wafer: Up to 356°F Flanged: Up to 356°F (1" to 8") Up to 200°F (10" to 42")

How to Order

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

- Type of Fluid
- Temperature (°F)
- Pressure (psi)
- Minimum Flow Rate (gpm)
- Maximum Flow Rate (gpm)
- Pipe Size (inches)