

# Magnetic-Inductive Flow Meter FMQ

## Application/Advantages

Engineered with flow induction for accurate measurement flow rate independent of fluid viscosity and conductivity.  
Cushioned bearings, non-ferrous impeller, and rubber O-ring allow for measurement of corrosive and erosive fluids (like pulp or latex).  
Measurement range from 10 to 1000 gpm.  
Cushion bearings for long life span.

## Application/Process Industries

Food and beverage processing and  
Pharmaceutical  
All types of water and wastewater applications  
Chemicals and oils, including solvents  
Pulp and paper mill effluent, ink, paint, latex and other oils  
& slurries  
Automotive engine coolant and hydraulic systems  
Marine and industrial water flow  
Oil and gas applications: OMEGA Flow Meter

## Basic Specifications

Full accuracy in measurement of the flow rate  
Flow range from 10 to 1000 gpm  
Linear scale ranging in accuracy (within specified limits)  
Accuracy: ±0.5% of flow rate (with 100% flow rate)  
Flow range: full scale range in appropriate increments (100, 200, 500, and 1000)  
Accuracy: full scale including zeroing by impedance  
Flowing through with flow direction change  
Flowing in 2 to 70 degrees to flow direction (depending on flow rate)  
Flow rate range: 10 to 1000 gpm  
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## Construction

The FMQ flow meter is constructed with a rugged stainless steel body and a cushioned bearing assembly. The flow meter is designed for accurate measurement of flow rate independent of fluid viscosity and conductivity. The flow meter is designed for long life span and is suitable for use in a wide range of applications. The flow meter is designed for accurate measurement of flow rate independent of fluid viscosity and conductivity. The flow meter is designed for long life span and is suitable for use in a wide range of applications. The flow meter is designed for accurate measurement of flow rate independent of fluid viscosity and conductivity. The flow meter is designed for long life span and is suitable for use in a wide range of applications.

## Features



## FMQ Features



## Magnetic-Inductive Measurement

