

# Micro Motion™ F-Series Coriolis Flow Meters

Compact, Drainable Coriolis Flow and Density Meters



## CHALLENGE

In almost every industry, process control requires a flow measurement device that is both accurate and reliable. This is often combined with the additional challenge of staying within the weight and space constraints of the system.

## OUR SOLUTION

Micro Motion F-Series Coriolis flow meters deliver highly accurate mass flow, volume flow, and density measurements in a compact, drainable design – ideal for use in critical process control applications.



### Chemical

- Improve plant-wide mass balance with industry-leading mass flow accuracy



### Refining & Petrochemical

- Reliable measurement in loading/unloading, distillation, and reactor processes



### Oilfield Services

- Compact, lightweight design ideal for truck mounted cementing applications



### Food & Beverage

- Improved accuracy on density and concentration measurements deliver more reliable product quality

## The Micro Motion F400 Coriolis Flow Meters:

- Extend flow capacity of the F-Series product family to 16,000 lbs/min (436,000 kg/hr)
- Is designed with industry-leading electronics, including the new Micro Motion 4200 2-wire transmitter
- Include Smart Meter Verification to verify meter performance without interrupting your process






*Exceptionally balanced size and performance is now available in a 4-inch line size!*

# Micro Motion™ F-Series Coriolis Flow Meter

## ENHANCED CAPABILITIES DELIVER INDUSTRY-LEADING MEASUREMENT PERFORMANCE

### Benefits

-  • Compact, drainable design that maximizes installation flexibility
-  • Designed with low operating frequency to enable reliable meter performance in the presence of entrained air
-  • Available with the most extensive offering of transmitter and mounting options for maximum compatibility with your system



### Smart Meter Verification™

- Allows operators to gain real-time and in-process measurement integrity assurance
- Verifies that the meter performs as well as it did on the day it was installed - all in less than 90 seconds
- Reduce costs by extending or eliminating meter calibration intervals without interrupting the process



## Micro Motion F-Series Coriolis Flow Meter Specifications

<b>Available Line Sizes:</b>	1/4" (DN6) - 4" (DN100)
<b>Mass/Volume Accuracy:</b>	up to ±0.05% of rate
<b>Density Accuracy:</b>	Up to ±0.0005 g/cm <sup>3</sup> (±0.5 kg/m <sup>3</sup> )
<b>Gas Accuracy:</b>	±0.35% of rate
<b>Materials:</b>	316L Stainless Steel, Nickel Alloy C22*

\*Not available on all models

For more information: [www.Emerson.com/MicroMotion](http://www.Emerson.com/MicroMotion)

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