REVOLUTIONIZE YOUR CORIOLIS MEASUREMENT TECHNOLOGY

Micro Motion Extreme Conditions Coriolis Meters
High Pressure, High Temperature, Cryogenic
INTRODUCING EMERSON’S MICRO MOTION CORIOLIS METERS FOR EXTREME PROCESS CONDITIONS

Flow Measurement for Challenging Process Conditions

The combination of industry-leading technology, wide breadth of products, unparalleled application expertise and customer support allows Emerson to deliver unbeatable performance and value, time and time again.

Extreme Conditions Coriolis Meters Deliver:

Ideal Products for the Toughest Applications

- Best-in-class process pressures up to 6250 psi (431 bar)
- Designed and tested for process temperatures up to 662 °F (350 °C) and cryogenic temperatures down to -400 °F (-240 °C)
- Pressure relief options such as rupture discs available
- Reduce maintenance with no moving parts or spares to stock

A World-Class Leading Electronics Platform

- Compatible with 5700 Transmitter
- Extended transmitter options provide optimal reliability
- Sealed electronics extension for transmitters allowing maximum safety
- Built-in device diagnostics and verification
- Easy OEM integration with direct Modbus communications

Superior Measurement Confidence

- Reliable and superior measurement accuracy of mass flow, volume flow, density and temperature in the toughest conditions
- Accuracy over a wide flow range from a single meter to optimize plant efficiency

Smart Meter Verification

- Deliver absolute confidence in measurement integrity and performance with our patented methodology for meter verification in-line
**High Pressure**

Micro Motion has a portfolio of high pressure meters to address a wide range of process pressures. Flow rates can go up to 20,000 lb/min (545,000 kg/hr) and pressures up to 6250 psi for some line sizes.

**High Temperature**

With twenty years experience in high temperature applications, you can count on Emerson’s Micro Motion Coriolis meters to handle the heat. The robust construction of these meters allows them to handle temperatures up to 662 °F (350 °C). A sealed electronics extension protects transmitters for optimal reliability.

**Cryogenic**

Micro Motion cryogenic meters deliver exceptional performance in extreme process temperatures of -400 to 176 °F (-240 to 80 °C). These products are accurate in empty-full-empty applications, and OEM ready with direct Modbus communications.

* *Available by special order. Cryogenic meters are not available with Smart Meter Verification.*

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**ELITE Series**

Peak Performance

**F-Series**

High Performance Compact Drainable

**CNG**

Dispenser Design

**D-Series**

Simple and Direct
High Pressure Coriolis Meters

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<th>Pressure Rating (psi)</th>
<th>CMFS 010P</th>
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<th>CMFS 025P</th>
<th>F025P</th>
<th>F050P</th>
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<th>CMFS 050P</th>
<th>CMFS 100P</th>
<th>CMFS 150P</th>
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<th>CMF350P</th>
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High Temperature and Cryogenic Coriolis Meters

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<th>CMF015</th>
<th>CMF050</th>
<th>CMF100</th>
<th>CMF200</th>
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<th>CMF350</th>
<th>CMF400</th>
<th>CMFHC2</th>
<th>CMFHC3</th>
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<td>-40 °F (-240 °C)</td>
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<td>176 °F (80 °C)</td>
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<td>662 °F (350 °C)</td>
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For more information, please visit: www.MicroMotion.com

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