



MICRO MOTION™ ULTRA HIGH TEMPERATURE ELITE CORIOLIS FLOW METERS

Emerson expands high temperature measurement capabilities with flow meters up to 800°F (426°C)

Ultra High Temperature Coriolis Flow Meters

Accurately measure mass flow, density, and temperature from one device which minimizes the footprint and installation costs.

- Electronics isolated from the process to provide easy access and increased safety
- Available in both 316L Stainless Steel and Nickel Alloy C22
- No moving parts to wear out over time, reducing maintenance and expenses

Applications

Ultra High Temperature ELITE Coriolis Flow Meters offer reliable, safe and accurate measurement for multiple applications.

Chemical Industry Applications:

- Ethylene
- High temperature elastomers and polymers
- Synthetic lubricants
- Molten Sulfur
- Olefin

Refining Industry Applications:

- Cokers
- Heavy product run down lines for the crude distillation towers (atmospheric and vacuum)
- Heater passes
- Residual processing
- Cracking



Ultra High Temperature Micro Motion ELITE Coriolis Flow Meters offer the highest temperature rating available on the market

ELITE Ultra High Temperature Flow Meter Specifications

Temperature	Range of -58° to 800°F (-50° to 426°C)
Mass/Volume	Accuracy of $\pm 0.10\%$
Density	Accuracy of ± 0.0005 g/cc
Available Line Sizes	2" to 4" (DN40 to DN100)
Accessories	Insulation and heat jackets available
Transmitter	5700
Smart Meter Verification	Available with 2" and 3" sensors

Smart Meter Verification

Smart Meter Verification delivers complete measurement confidence with a diagnostic tool, reporting total Coriolis meter's health, without interrupting your process. Smart Meter Verification provides actionable remedies to common process instrumentation challenges reducing downtime, lengthening proving cycles, and increasing operational certainty.



Emerson Smart Meter Verification diagnostic software provides the confidence you need in your meter performance.

Leverage Global Service Capabilities From a Partner You Can Trust

Lifecycle Services

This expertise, technology, and processes to operate safely, improve reliability, and optimize your plant performance.

Educational Services

A wide range of education services to help you train new hires, improve your current workforce skills, and adapt to new technologies.

For more information, visit

[Emerson.com/ELITE](https://www.emerson.com/ELITE)

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