

Micro Motion 1600 Ethernet Coriolis Transmitter

Stay ahead of changing consumption demands with a flexible, plug-and-play Power over Ethernet (PoE) solution.



Meet Constantly Changing Customer Demands

The task of maintaining product satisfaction through ever-changing consumer behaviors falls on Food and Beverage manufacturers - maximizing production while ensuring quality, reliability and traceability, and conserving resources.

You need measurements you can count on, simple and easy products to work with and expert support for help when you need it. Micro Motion 1600 Transmitters are engineered to reach your production, quality and sustainability goals.

Painless Integration

Reduce wiring and enable ease of commissioning with features designed to give you peace of mind.

- Power over Ethernet (PoE)
- PLC Add on Profile (AOP)
- Webserver Configuration

Resource Conservation

Eliminate product and energy loss with our suite of field licensable advanced software features.

- Concentration Measurement
- Advanced Phase Measurement
- Temperature Measurement

Minimize Downtime

Continuously check your flow meter's health and only calibrate when needed.

- Smart Meter Verification Basic (Included)
- Smart Meter Verification Professional
- Data Historian with Real Time Clock

For more information, visit
[Emerson.com/MicroMotion1600](https://www.emerson.com/MicroMotion1600)
or contact your local Emerson Sales Representative



Rely on a flexible, simplified solution designed to evolve with your needs and new consumer habits.



1600 Transmitter Food and Beverage Solutions

Product Specifications

Display	Interactive graphical backlit display Can be rotated through software in 90-degree increments
Power Supply	18 to 100 VDC and Power over Ethernet (PoE) capability – automatic detection
Output	Channel A: Ethernet/IP, Modbus TCP Channel B: Configurable (analog, frequency or discrete output)
Enclosure	Polyurethane-painted cast aluminum - NEMA® 4X, IP66/67 Hygienic 316 stainless steel - NEMA® 4X, IP66/67/69
Temperature Limits	Ambient: -40 to 149 °F (-40 to 65 °C)
Weight	Aluminum: 2.5 lb (1.13 kg) Stainless steel: 5.3 lb (2.40 kg)
Hazardous Location Approvals	CSA: Class I, Div. 2 ATEX: II 3G, Ex ec, Zone 2 and II 3D Ex tc Zone 2 IECEX: EPL Gc, Ex ec, Zone 2
Status Indicators	LED, state of transmitter and Ethernet network
Sensor Compatibility	ELITE, F/H/R Series, T-Series and HPC Series

*See product data sheet for full specifications.

Coriolis Flow Meter Solutions

1600 Hygienic Transmitter with
H-Series Coriolis Flow Sensor



1600 Aluminum Transmitter with
CMFS Coriolis Flow Sensor



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Emerson Automation Solutions supports you with innovative technologies and expertise to address your toughest challenges.

For more information, visit

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