Over 40 Years of Flow Measurement Confidence

With over 15 years of industry experience and 40 years of Coriolis expertise, Micro Motion Smart Meter Verification is the leader in advanced meter diagnostics and has evolved to expand your capabilities.

Smart Meter Verification Capabilities

Enhanced Algorithm
Robust statistical analysis provides confidence in the diagnostic result.

Improved Detection Capability
The Field Reference Point enhances detection of tube structural integrity changes by reducing the effects of external biases, including pressure and temperature, on the Smart Meter Verification measurement.

Severe Service
Verify critical measurement points in demanding applications.

2-Wire Loop-Powered Verification
Benefit from Smart Meter Verification capabilities in 2-wire applications with the SIL-2/3 capable 4200 2-wire loop-powered Coriolis transmitter.

Extensive Offering
Smart Meter Verification is available with the majority of Micro Motion transmitter and sensor combinations. Smart Meter Verification Basic is a standard offering.

Traceable
Smart Meter Verification is traceable to the International System of Units (SI), through the national meteorology institutes, including NIST.

Complies with Agency Standards
Smart Meter Verification is recognized in standards from numerous global organizations such as ISO, Exida (IEC), AGA-11, API MPMS Ch 14.9 and Ch 20.2, USA EPA, and USA FDA.

Remote Asset Monitoring
Initiate or schedule tests via remote interfaces to monitor and verify flow meter health and process stability.

Activate in the Field
Smart Meter Verification Professional can be enabled at the time of order or after the meter has been installed in the field.

With Smart Meter Verification, you can:

Eliminate Uncertainty
On-demand or scheduled verification assures critical flow point measurement, meter health and stability

Reduce Cost
Saves thousands in expenses for labor and outsourced calibration services

Simplify Compliance
Establishes an audit trail for each meter with stored results

Increase Uptime
Confirms meter health and performance without removing the meter from the line or stopping process flow

Improve Quality & Safety
Avoid unnecessary trips to the field and testing procedures that break the process seals

Smart Meter Verification Offerings

	Basic	Professional	
Sensor Compatibility*	CMFS, CMF, F, H, R, T, TA AND HPC		
Transmitter Compatibility*	Direct Connect, 1500, 1700, 2400S, 2500, 2700, Series 3000, 4200, 5700	Direct Connect, 1500, 1700, 2400S, 2500, 2700, Series 3000, 4200	5700
Access	Included	Licensed	90-Day Trial, Licensed
Calibration Coefficients and Zero Audit	✔	✔	✔
Electronics Verification	✔	✔	✔
Automatic Test Scheduler	✔	✔	✔
History of Previous 20 Results		✔	✔
Verification Report		✔**	✔**
Non-Uniform Coating Diagnostic			✔
Multiphase and Flow Range Diagnostics			✔+

*Enhanced Core Processors Only
**The test host must be ProLink III Basic or Professional, web page (Ethernet devices),or AMS SMV SNAP-ON
+24-Hour historian visualization using ProLink III Professional

SMART METER VERIFICATION

Learn more at www.Emerson.com/SmartMeterVerification