

**THERMAL INSTRUMENTS, INC.****THERMAL MASS FLOW METERS****FOX THERMAL INSTRUMENTS IS ISO 9001 CERTIFIED**[Home](#) [About](#) [Products](#) [Sales](#) [Calibration](#) [News](#)

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NEW FROM FOX!

Envtl. Monitoring

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Are you ready to get a quote for a Fox Meter?

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Fox Model FT3 Flow Meter

The FOX Model FT3 measures two important process variables with instrument, providing isolated 4 to 20mA and pulse outputs for flow and a 4 to 20mA output for process gas temperature or a second flow output. Direct mass flow measurement, exceptional low-flow sensitivity response, and low maintenance requirements distinguish the FOX Model FT3.

The Model FT3's [CAL-V™](#) feature is an in-situ calibration routine that validates the flow meter's calibration accuracy by testing the function of the sensor and its associated signal processing circuitry. This innovative approach lets you validate instrument calibration in your pipe, at your process conditions, with just a push of a button.

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Fox Model FT2 Flow Meter

The Fox Model FT2 Thermal Gas Mass Flow Meter and Temperature Transmitter measures two important process variables in one rugged instrument. The Model FT2 measures gas flow rate in standard units without the need for temperature and pressure compensation. The Model FT2 Inline Flow Meter is now available in 316 stainless steel or A106 Grade B Carbon



[Inline and Insertion styles of Fox Model FT2 Gas Mass Flow Meter](#)

steel pipe (+ A105 flanges - if ordered).

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Fox Model FT3 Flow Meter

Fox Thermal Instruments strives to design and manufacture the most accurate products to our customers. All Fox meters measure mass flow rate. Models [FT3](#) and [FT2](#) are mass flow meters and temperature transmitters for flow rate, and a 4 to 20mA pulse output for process gas temperature. Product features listed below for [Models FT3](#), [FT2](#), and [10A](#) for further information.



MODEL FT3

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Fox Model FT2 Flow Meter



MODEL FT2

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Fox Model 10A Flow Meter



MODEL 10A

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Fox Thermal Gas Mass Flow Meter Features

- **Accurate low velocity gas flow measurement and wide turndown**
 - Fox meters are excellent choices, even at very low flow velocities.
- **Direct Mass Measurement**
 - Measure the flow of gases directly in Standard Cubic Feet per Minute (SCFM) without the need for temperature or pressure compensation.
- **Low Pressure Drop and No Moving Parts**
 - A no moving parts design increases reliability and reduces maintenance.
- **Inline and Insertion Models available**
- **Price**
 - Fox Flow Meters offer exceptional value in terms of initial investment and long-term operating costs.

[NEW! Fox F1](#)

Fox Model FT3

The FOX Model FT3 provides a direct mass flow measurement in standard mass units.

Two isolated 4-20 mA outputs for flow and temperature, and

The FT3 is ideal for measuring low velocity flow rates and off-line

Fox Model FT2

The FOX Model FT2 provides a direct mass flow measurement in standard mass units.

Two isolated 4-20 mA outputs for flow and temperature, and

The FT2 is ideal for measuring low velocity flow rates and off-line

Fox Model 10A

The FOX Model 10A is available in both inline and insertion-type for hazardous applications.

The instrument offers a 4-20 mA output in your choice of end configuration panel provides a bright LED read out of flow rate

All wetted parts are 316 stainless steel, with Hastelloy C276

View [All Dimensional Drawings](#) for Fox Models

Model 10A photos courtesy of Francisco Santana of Salinas, California.

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[Applications for All Fox Model Flow Meters](#)

Fox Thermal Gas Mass Flow Meters perform at high levels of accuracy and oxygen flow measurement applications. In addition, Fox Gas digester gas and biogas. Other applications include air, ammonia, monoxide, carbon dioxide, digester gas, ethane, ethylene, helium

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Local with Probe

Local with Retractor

Local Inline Models

Local with NPT end flow conditioners

Local with 150# Flanged flow conditioners

Remote Insertion Models

Remote with probe

Remote with retractor

Remote Inline Models

Remote with NPT end flow conditioners

Remote with 150# Flanged flow conditioners

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