



Model FT1 Thermal Mass Flow Meter



- Measures process gas flow rate & temperature
- USB connection is standard (free FT1 View™ Software)
- Optional on-board display and configuration panel
- DDC-Sensor™ thermal mass flow sensor
- Gas-SelectX® gas selection menu
- 12 to 28 VDC (CE requirement); full input power range: 10 to 30 VDC
- Standard 4 to 20mA output proportional to mass flow rate - HART option
- Second output for pulse/alarm, RS485 Modbus RTU, or BACnet MS/TP
- FM/FMc, ATEX, and IECEx Agency Approvals. CE Approved. Class I, Div. 1
- Calibration Validation with the Zero CAL-CHECK™ diagnostic feature
- NIST-traceable calibration
- Wide measurement range: up to 1000:1, 100:1 typical
- Flow accuracy = Air: ±1%R ±0.5%FS; Other Gases: ±1.5%R ±0.5%FS

Model FT2A Thermal Mass Flow Meter & Temperature Transmitter



- Measures process gas flow rate & temperature
- USB connection is standard, (free FT2A View™ Software)
- Optional RS485 Modbus RTU, BACnet MS/TP, Profibus-DP, DeviceNet, or Ethernet Modbus TCP
- On-board display and configuration panel
- PowerPro™ thermal mass flow sensor
- 24VDC power input or optional 85-264VAC for local or remote models
- 4 to 20mA output proportional to mass flow rate
- One discrete output configured for alarms or frequency output proportional to flow & one discrete input to reset total
- FM/FMc Agency Approvals. CE Approved. Class I, Div. 2.
- NIST-traceable calibration
- Wide measurement range: up to 1000:1, 100:1 typical
- Flow accuracy = ±1%R ±0.2%FS

Model FT3 Thermal Mass Flow Meter & Temperature Transmitter



- Measures process gas flow rate & temperature
- USB connection is standard (free FT3 View™ Software)
- Optional HART and RS485 Modbus RTU
- Optional on-board display and configuration panel
- PowerPro™ thermal mass flow sensor
- 24VDC power input or optional 85-264VAC for local or remote models
- 4 to 20mA output proportional to mass flow rate
- One discrete output configured for alarms or frequency output proportional to flow
- FM/FMc, ATEX, and IECEx Agency Approvals. CE Approved. Class I, Div. 1.
- Calibration Validation with the CAL-V™ and Zero CAL-CHECK™ diagnostic features
- NIST-traceable calibration
- Wide measurement range: up to 1000:1, 100:1 typical
- Flow accuracy = ±1%R ±0.2%FS

Industries & Applications

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|----------------------------|----------------------|---------------|-----------------------|---------------------|
| • Environmental Monitoring | • Digester Gas | • Pure Gases | • Gas mixing | • Boiler |
| • Flare & Vent | • Methane Recovery | • Mixed Gases | • Nitrogen blanketing | • Combustion |
| • Natural Gas | • Air/Compressed Air | • Gas flows | • Oxygen flow | • Energy Accounting |

For a complete list of Applications and Industries, go to: www.foxthermalinstruments.com



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