

FURNACEMETER™

ELECTRONIC FLOW MEASUREMENT AND CONTROL INSTRUMENTS



The FurnaceMeter™ is a precision flow measurement instrument designed specifically to meet the rugged requirements of industrial heat-treatment applications. The FurnaceMeter™ utilizes precision, field-proven, and certifiable differential pressure flow measurement technology. The advanced calibration and display module includes integrated flow rate alarm and Totalization functions. In addition, every FurnaceMeter™ comes complete with a calibration certificate to meet ISO & QS quality systems.

FEATURES & BENEFITS

- Manual or Electronic Flow Control Valve
- Precision Flow Measurement and Control
- NIST Traceable 10 Point Calibration with every meter
- In-situ Calibration Certification meets CQI-9 Requirements
- Integrated Flow Alarm (Flow Switch)
- Integrated Flow Totalizing
- Bright LED Flow Rate / Setpoint Display
- Analog Control and Feedback Signals (4-20 mA)
- Serial Communications and Configuration Software
- No Fragile Sight glass tubes, oil, or float assemblies to Maintain
- Calibration can be certified in-situ and without disassembly
- Retrofit existing flow measurement equipment without additional piping

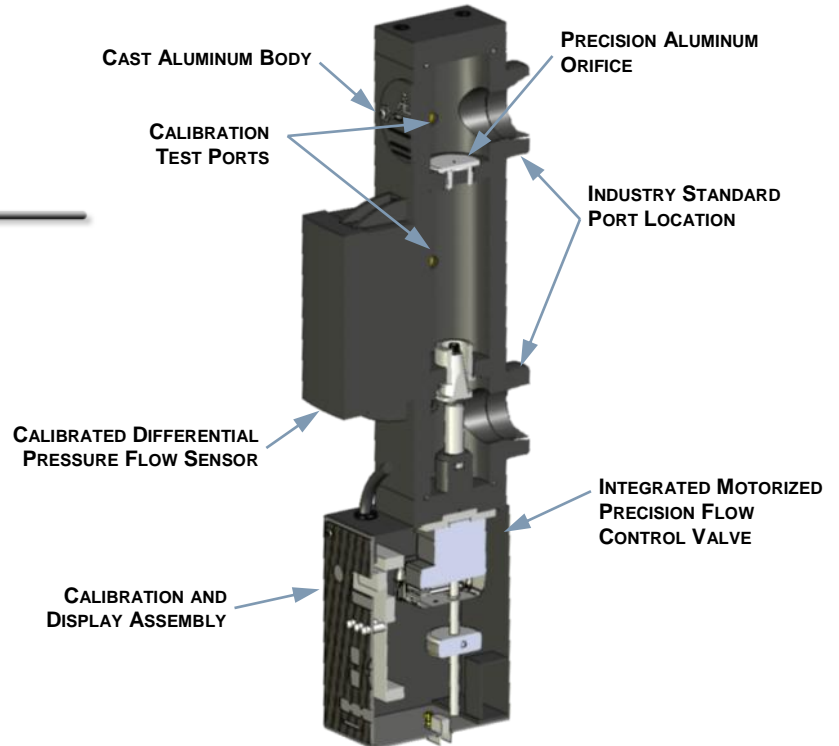
SPECIFICATIONS & OPTIONS

Power24 VDC
Max Operating Temp.180°F
Max Inlet Pressure 5 PSIG STD Model
80 PSIG HP Model
Accuracy.....4%
Repeatability.....2%
Flow Output Signal (linear) 4-20mA
Flow Control Signal (linear) 4-20mA
(Electronic Control Valve Model)

CALIBRATION IS REFERENCED TO
STANDARD ATMOSPHERIC CONDITIONS:
(70 °F, 14.7 PSIA)

AVAILABLE OPTIONS

- No Valve
- Integrated Manual Valve
- Integrated Electronic Valve



OPTIONAL MOTORIZED VALVE ASSEMBLY PICTURED
(MANUAL VALVE ASSEMBLY ALSO AVAILABLE)

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"INTEGRATED FLOW CONTROL SOLUTIONS"

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