

ACCURACY RELIABILITY DURABILITY

EPITM
ELDRIDGE PRODUCTS, INC

2018

**THERMAL MASS FLOW METERS
PRODUCT CATALOG**

www.epiflow.com

Eldridge Products, Inc.

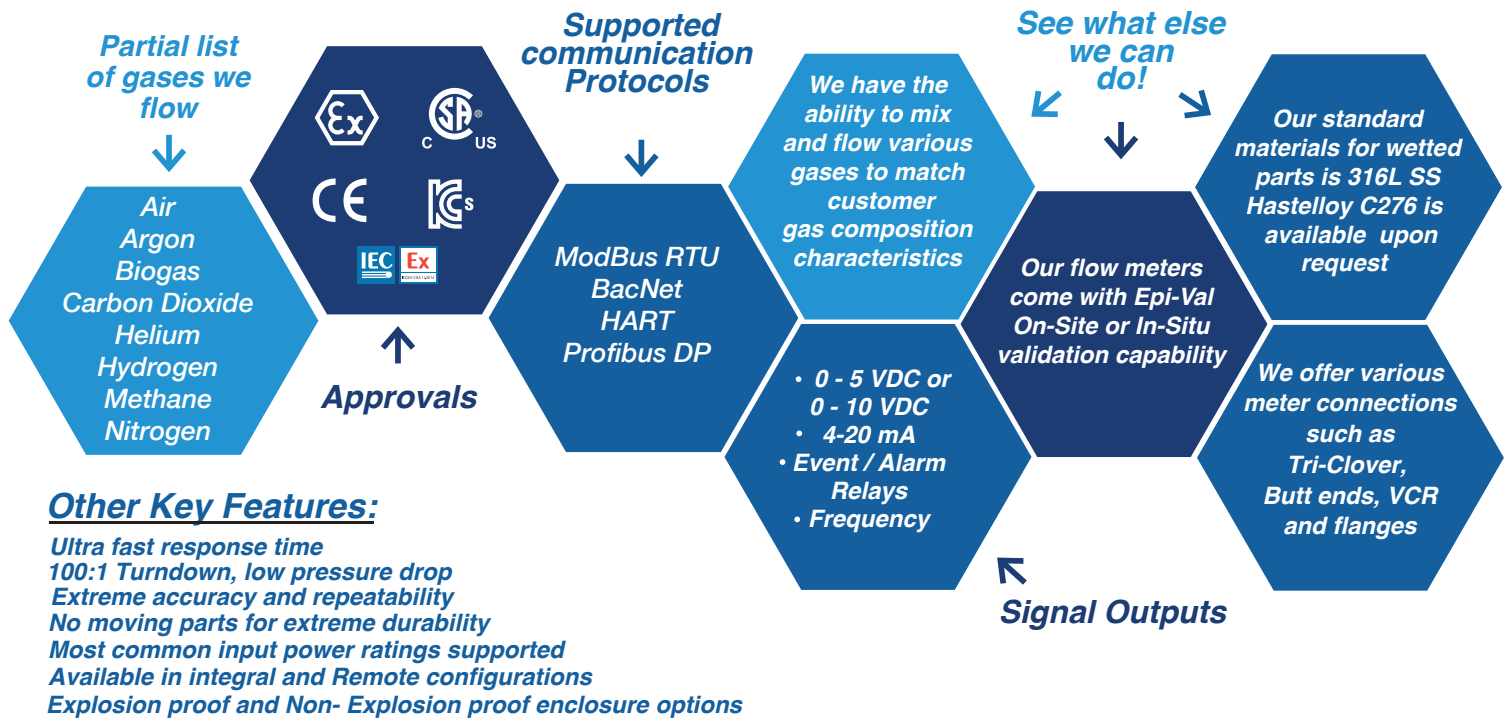
30 Years of Thermal Mass Flow Meter Excellence.

EPI THERMAL MASS FLOW METERS:

EPI produces a wide variety of thermal instrumentation for gas mass flow measurement. Built with over thirty years experience in thermal mass flow metering design and production, our flowmeters and flow switches are known for superior quality, dependability, ease of use, and durability. Proudly made in the USA.



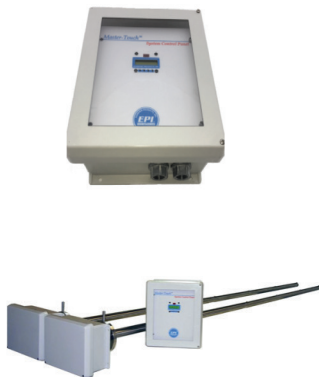
“We calibrate your flow meter in various gases to better meet your accuracy requirements”



MULTIPOINT SYSTEMS

9600 MP SCP

9000 MP Multipoint



- Our Multipoint systems are designed to measure gas flow where two or more sensing points are necessary to measure large cross-section areas, such as for air ducts or exhaust stacks.
- Our systems can have up to 8 probes with 5 sensors per probe, or 40 flow measurement points. Enclosure Rating - Type 4x
- Our System Control Panel (SCP) will average all sensors from all probes. Enclosure Rating - Type 4x
- Several probes can be connected to one SCP for a grand average output.

VISIT WWW.EPIFLOW.COM TO LEARN MORE

SERIES

8600MP
8700MP



8000MP
8100MP



8800MP



8200MP



8600MPNH
8700MPNH



8000MPNH
8100MPNH



8800MPNH



8200MPNH



HAZARDOUS LOCATIONS INLINE

- 8600MP & 8700MP Inline Series are integral flow meters; Transmitter Rated - Ex, Type 4X, IP66
- 8000MP & 8100MP Inline Series are remote flow meters; Transmitter Rated - Ex, Type 4X, IP66; Remote
- Rated - Type 4X, IP66; Optional Remote Rated - Ex, Type 4X, IP66
- Flow body sizes 1/4" through 2-1/2" pipe have threaded MNPT ends. Flanges or alternate end configuration are optional.
- Flow body sizes 3" through 4" pipe have ANSI class 150 flanges. Consult factory for alternate end mounting configurations.

HAZARDOUS LOCATIONS INSERTION

- 8800MP Insertion Series are integral flow meters; Transmitter Rated - Ex, Type 4X, IP66
- 8200MP Insertion Series are remote flow meters; Transmitter Rated - Ex, Type 4X, IP66; Remote Rated -Type 4X, IP66; Optional Remote Rated - Ex, Type 4X, IP66
- Probe mounting is with a bore-through tube fitting, ANSI flange or ball valve retractor (BVR) assembly. Consult factory for alternate mounting configurations.

NON-HAZARDOUS LOCATIONS INLINE

- 8600MPNH & 8700MPNH Inline Series are integral flow meters; Transmitter Rated - Ex, Type 4X
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SERIES

9700MP FAT



9100MP FAT



9800MP FAT



9200MP FAT



9700MPNH
FAT



9100MPNH
FAT



9800MPNH
FAT



9200MPNH
FAT



HAZARDOUS LOCATIONS FAT INLINE

- Flow Averaging Tube (FAT) are designed for use in locations with short straight runs and/or poor flow profiles. More tolerant of poor flow profiles than other flow measurement technologies.
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SERIES

400 - INT



440 - INT



500 - INT



540 - INT



NON-HAZARDOUS LOCATIONS

- Our Valumass Series 400 offers a lower cost option for many flow applications with the high value associated with all EPI's flow measurement instrumentation.
- Valumass flowmeters include a robust feature set: 0 - 5, 10 VDC, 4 -20 mA, RS485 Modbus RTU and optional 0 - 1kHz outputs. Enclosure rated type 4X
- Fully programmable relay
- Rugged 316L SS construction
- Optional 2- line, 16 character backlit LCD display.

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- Fully programmable relay
- Rugged 316L SS construction
- Optional 2- line, 16 character backlit LCD display.
- Enclosure rated Ex, Type 4x, IP (66, 67,68 with sealing)

TYPICAL INDUSTRIES & APPLICATIONS

Aerospace
Analytical
Boilers
Chemical
Compressor Management
Custody Transfer
Digester/Bio-Gas
Environmental
Flare Gas
Food and Beverage

HVAC & Building Automation
Incinerators
Landfill/Bio-Gas
Life Science
Machinery and Equipment
Marine
Metals
Oil and Gas
Petrochemical
Pharmaceutical

Power and Energy
Process Measurement
Pulp and Paper
Refining
Research
Semiconductor
Submetering
Utilities
Wastewater Treatment
Water Treatment

30th year
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Fax: 831.648.7780

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