

ACCURACY RELIABILITY DURABILITY

***EPI***<sup>TM</sup>  
ELDRIDGE PRODUCTS, INC

2018

**THERMAL MASS FLOW METERS  
PRODUCT CATALOG**

[www.epiflow.com](http://www.epiflow.com)

# Eldridge Products, Inc.

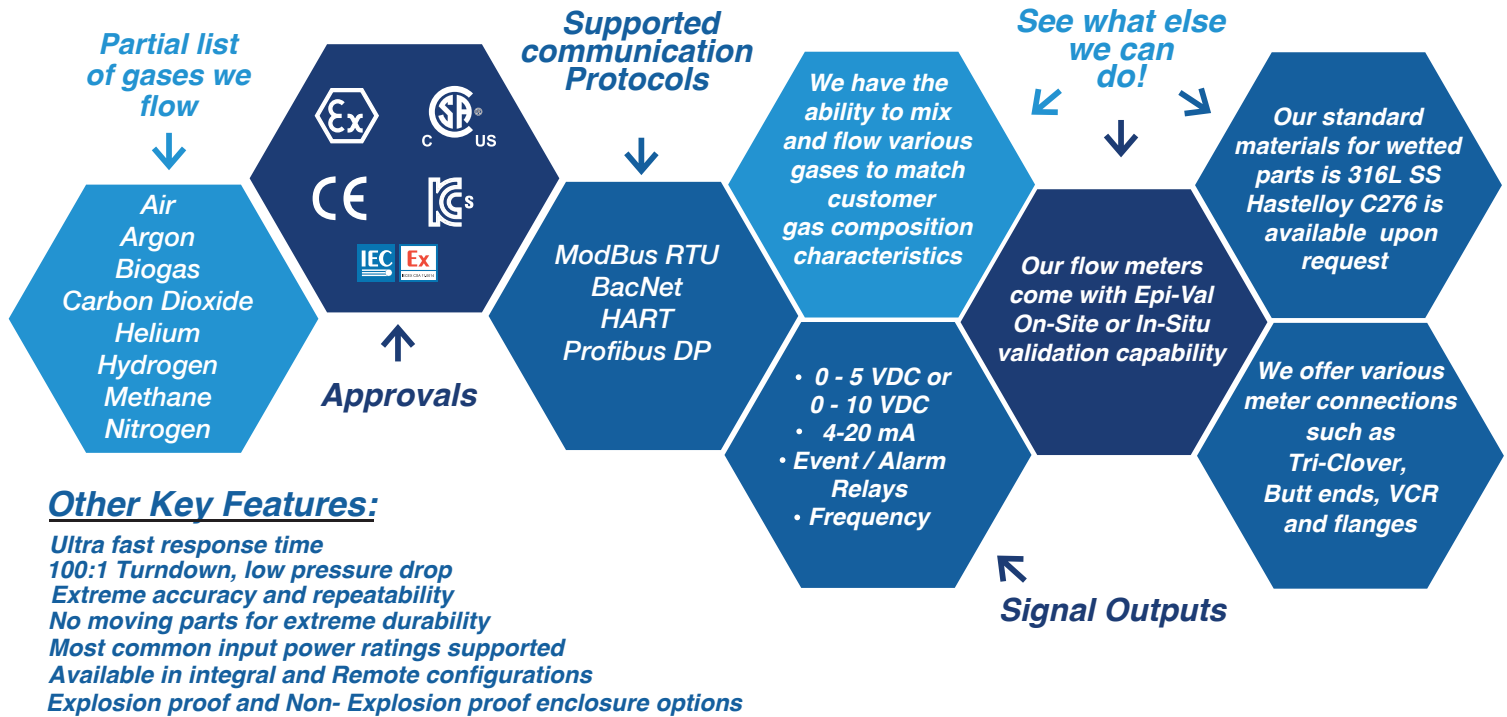
30 Years of Thermal Mass Flow Meter Excellence.

## 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.



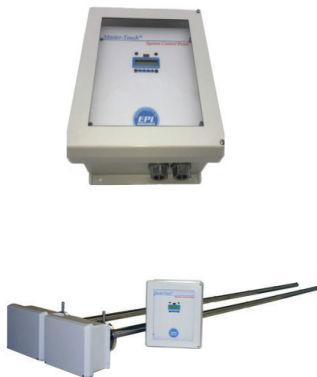
**“We calibrate your flow meter in various gases to better meet your accuracy requirements”**



## 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](http://WWW.EPIFLOW.COM) TO LEARN MORE

## SERIES

8600MP  
8700MP



8000MP  
8100MP



## HAZARDOUS LOCATIONS INLINE

- 8600MP & 8700MP In-line Series are integral flow meters; Transmitter Rated - Ex, Type 4X, IP66
- 8000MP & 8100MP In-line 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 In-line Series are integral flow meters; Transmitter Rated - Ex, Type 4X
- 8000MPNH & 8100MPNH In-line Series are remote flow meters; Transmitter Rated - Ex, Type 4X, Remote Rated - Type 4X
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8800MP



8200MP



8600MPNH  
8700MPNH



8000MPNH  
8100MPNH



8800MPNH



8200MPNH



## 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.
- 9700MP FAT In-line Series are integral flow meters; Transmitter Rated - Ex, Type 4X, IP66
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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


30<sup>th</sup> year  
ANNIVERSARY

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