



Mass Flow Controllers APEX E Series
Mass Flow Meters APEX X Series (no display)

One Instrument...Accurate...Repeatable for 30 On-Board Gases



30 factory installed, user selectable, gas calibrations:

- Air
- Argon
- Methane
- Carbon Monoxide
- Carbon Dioxide
- Ethane
- Hydrogen
- Helium
- Nitrogen
- Nitrous Oxide
- Neon
- Oxygen
- Propane
- Butane
- Acetylene
- Ethylene
- Iso-Butane
- Krypton
- Xenon
- Sulfur Hexafluoride
- 75% Argon + 25% CO2
- 90% Argon + 10% CO2
- 92% Argon + 8% CO2
- 98% Argon + 2% CO2
- 75% Argon + 25% Helium
- 75% Helium + 25% Argon
- 75% CO2 + 25% Argon
- Helistar® A1025
- Stargon® CS

Specifically designed for Vacuum Coating...
The APEX E Series and APEX X Series provides accurate and repeatable flows for vacuum coating processes.

Mass flow controllers (MFCs) were originally designed to take the guess work out of precision gas flow control. Today, the demand for accurate and repeatable gas flow control is critical for vacuum coating. Demand for mass flow controllers is growing and customers are requiring that MFCs are easy to use, fast, reliable, accurate, cost effective and robust.

The APEX E Series Mass Flow Controllers/Meters have a user display to change gases, set the flow and display readings. The RS 232 interface allows control of 26 individual controllers or meters off one computer RS 232 port. The APEX E Series is excellent for end users.

The APEX X Series Mass Flow Meter/Controller is designed for OEM's in mind. The display is eliminated but can still be set/controlled through the RS 232 port or via 0-5V, 0-10V or 4 -20 milliamps.

Contact Us



222 Riverstone Dive
Canton, GA 30114
404-474-3115

What makes us different?

- **30 User Selectable Gases**- More flexibility for the customer
- **Fast Response**- 10 millisecond response, 100 milliseconds to control
- **Addressable RS-232 Interface**- Control 26 units with one RS-232 port
- **FlowVision Windows Software**- Control any MFC/MFM through a computer and graph flow
- **Pinpoint Accuracy**- 0.2% Full Scale plus 0.8% Reading, provides excellent accuracy
- **100-1 Turndown Ratio**- Combined with the pinpoint accuracy allows for lower flow readings
- **Flows as low as 0.5 sccm Full Scale**
- **Lower Cost** - More features but not more costly