

What flow range does Apex cover?

Apex units have an assortment of calibrations from 0.5 sccm to 3000 slpm. Depending on your application and target flow, we will help you find the range that is best for you.

Are Apex units custom built?

Apex units are produced daily throughout the calibration range but are easily customizable for each customer due to our large amount of options including: alarms, high accuracy calibration, totalizer, RS-485 communications, bi-directional flow and a range of Swagelok Fittings.

What if I need fittings other than NPT

If your application requires fittings other than NPT, we can weld a variety of fittings to our devices. Please contact us and we will find a solution for your application.

How many units can I use at once?

Using the BB9 box, you can connect and control up to 9 MFCs, MFM's, and Pressure Controllers with one computer. You can connect up to 27 units by daisy chaining 3 BB9 boxes. You can power all the units with one power source through your BB9 box.

How does the 110 gas capability work?

Apex units can be equipped with an on-board digital display which allows the user to change the gas setting with only a few clicks. Click mode, gas list, and then select your gas.

Why can you offer this over the competition?

We use pressure drop to measure flow by measuring temperature and pressure inside of our units. The only element that changes in our equation is the viscosity of the gas. These viscosities are stored in the units memory.

What is the downside to measuring pressure drop?

The construction of the sensors limit us when it comes to corrosive gases, although this option is available if needed. Also, our units max pressure is 140psi.

Are there other options other than the 110 on-board gases?

Every unit comes with the ability to add your own gas mixtures down to the hundredths place using the 110 on board gases. You can also order an aggressive gas series for metering and controlling of aggressive gases.

How does Apex compare in cost?

The cost of our units are very competitively priced. When you consider the cost of expensive power supplies, display units, wiring, communication software and devices that the competition need for their device to function, there are great savings in going with Apex and its features.

How are Apex units powered?

We offer a wall outlet plug at a very low cost. There is no need for costly readout boxes and power supply units that the competition uses. You also only need one power supply for multiple units when daisy chained together.

What are my options to control my Apex units?

1. On-board display
2. Through Analog 0-5V, 0-10V, or 4-20mA signals
3. Through Hyper-Terminal software (found on most PCs)
4. FlowVision software and RS 232 compatibility with all Apex devices
5. Compatible with Labview or competitor Control Software

What Apex units can be powered by the battery pack?

Apex Mass Flow Meters and Gauges can be powered with the BPACK that uses a 9V rechargeable battery for 6-7 hours of run-time. The Apex Mass Flow Controllers and Pressure Controllers cannot use the BPACK and need one of the other battery power sources we offer.