

## Filter Characterization



An **Alicat Differential Pressure Controller** is used to characterize a filter’s flow vs. a pressure drop curve.

The **PC-15PSID-D** pressure controller is used to set the pressure drop across the filter. The **M-10SLPM-D** mass flow meter is used to measure the flow rate required to generate that pressure drop.

As an alternate configuration, the flow meter may be placed upstream of the pressure controller. Mass in equals mass out.

**Advantages:** Serial input of the desired pressure drop allows the user to run canned scripts at known time intervals while a common control interface is used for both pressure and flow.