

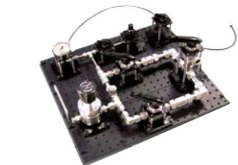
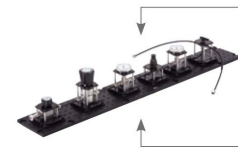
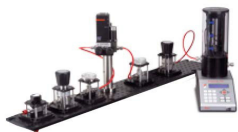
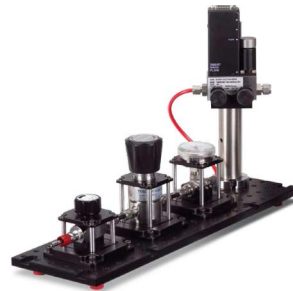
Gas Flow Bench

Solutions for calibrations of gas flow measurement

Gas Flow Bench

Mesa gas flow benches offer practical engineered solutions for calibration of gas flow measurement devices using Proven DryCal® technology.

The Flow Benches are pre-configured for specific application, and are available in different configurations.



Configurations		
MFC Flow Bench	100-025	A Gas Flow Delivery System used for calibrating Mass Flow Controllers (MFCs) where the exhaust of the MFC is at atmospheric pressure. Includes an on-off valve, precision pressure regulator, pressure gauge, and MFC mounting stand. This flow bench is designed for a maximum gas flow of 100 Liters per min. Requires customer connection to a gas source of approximately 100 psi. For use with the Metrology Series.
Back Pressure Module	100-028	This add-on module allows calibration of device under test (DUT) at back pressure of up to 60 PSI. Includes a Pressure gauge and a Back Pressure Regulator. Requires (100-025 or 100-030H/L). This flow bench is designed for a maximum gas flow of 50 Liters per min. For use with the Metrology Series.
General Purpose Flow Bench, 5 sccm - 5 SLPM	100-030L	General Purpose Flow Bench, 5 sccm - 5 SLPM; a gas flow delivery system used for calibrating rotameters, bubble meters, and flow calibrators. Includes an on-off valve, precision pressure regulator, high side pressure gauge, low flow needle valve, low side pressure gauge and A/B valve. This flow bench is designed for a maximum gas flow of 5 Liters per min. Requires customer connection to a gas source of approximately 100 psi. For use with the Metrology Series.
General Purpose Flow Bench, 500 sccm - 50 SLPM	100-030H	General Purpose Flow Bench, 500 sccm - 50 SLPM; a gas flow delivery system used for calibrating rotameters, bubble meters, and flow calibrators. Includes an on-off valve, precision pressure regulator, high side pressure gauge, high flow needle valve, low side pressure gauge and A/B valve. This flow bench is designed for a maximum gas flow of 50 Liters per min. Requires customer connection to a gas source of approximately 100 psi. For use with the Metrology Series.
General Purpose Flow Bench, 500 sccm - 500 SLPM	100-031	General Purpose Flow Bench, 500 sccm - 500 SLPM; a gas flow delivery system used for calibrating rotameters, bubble meters, and flow calibrators. Includes a precision pressure regulator, high side pressure gauge, needle valve for 500 sccm - 50 SLPM and A/B valve for needle valve outlet, two sonic nozzles for flows from 50 to 500 SLPM with an A/B valve for sonic nozzle output. Requires customer connection to a gas source of approximately 100 psi. For use with the Metrology Series DC-800 and DryCal 1020.



The Butler, N.J. manufacturing facility (pictured above) is Mesa Labs NVLAP accredited ISO 17025 laboratory.

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