

# Gas Flow Bench

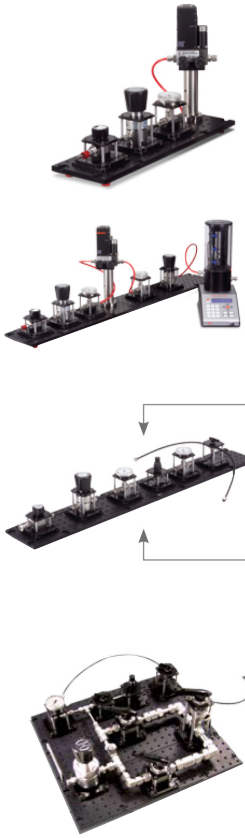
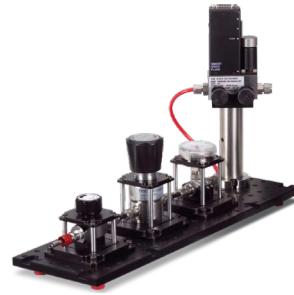
Solutions for calibrations of gas flow measurement

## Gas Flow Bench

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Mesa gas flow benches offer practical engineered solutions for calibration of gas flow measurement devices using Proven Bios 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 50 Liters per min. Requires customer connection to a gas source of approximately 100 psi. For use with the Met Lab 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 Met Lab Series.
General Purpose Flow Bench, 5ccm - 5 SLM	100-030L	General Purpose Flow Bench, 0 to 5 SLM; 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 Met Lab Series.
General Purpose Flow Bench, 5ccm - 50 SLM	100-030H	General Purpose Flow Bench, 0 to 50 SLM; 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 Met Lab Series.
General Purpose Flow Bench, 5 to 500 SLM	100-031	General Purpose Flow Bench, 5 to 500 SLM; 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 5 to 50 SLM and A/B valve for needle valve outlet, two sonic nozzles for flows from 50 to 500 SLM with an A/B valve for sonic nozzle output. Requires customer connection to a gas source of approximately 100 psi. For use with the ML-1020.



Mesa's Butler, N.J. manufacturing facility (pictured above) is our NVLAP accredited ISO 17025 laboratory.



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