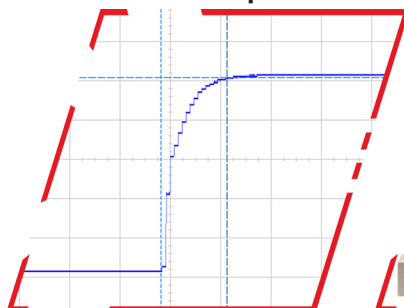




Essential flow control for OEM applications



Industry-leading 100ms
control response



Alicat's smallest
footprint!





Ranges:

- 1-100 sccm
(BC-C0100)
- 5-1000 sccm
(BC-C1000)
- 0.1-20 slpm
(BC-L0020)

BASIS™ Mass Flow Controllers

Essential OEM flow control with Alicat's smallest footprint.

Making You Faster

- **100 ms control response:** stills upstream fluctuations.
- **Accessible PD valve tuning** for best speed and stability.
- **Instant warm-up:** measures at full accuracy in just 70 ms.
- **Ready to ship:** versatile stock units reduce your lead time.

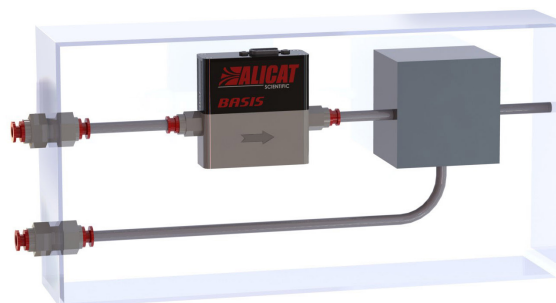
Quick Specs

- Accuracy:** 1.5% of the reading + 0.5% full-scale (NIST-traceable). **Repeatability:** 0.5% of reading.
- Operating ranges:** 1-100 sccm (BC-C0100) or 5-1000 sccm (BC-C1000), 0.1-20 slpm (BC-L0020).
- Multi-gas calibration:** Air, Ar, CO₂, N₂, O₂, N₂O (selectable over RS-485); He, H₂ also available.
- Signals:** RS-232/485 digital and 0-5 Vdc analog.
- Communications:** MODBUS and serial commands
- Process connections:** NPT or SAE forms

Selected Applications

Flow Control for OEM Gas Analyzers

Feed stable gas flows to the sensors within OEM analyzer products. Small size, instant control readiness and dual communications make BASIS easy to build into end user products.



Automated Gas Mixing

Populate your gas mixing cabinets with responsive BASIS mass flow controllers. They're ready in an instant for flow measurement at full accuracy. Fast analog and digital feedback to a PLC or PC allows real-time changes to the flow rate setpoint to maintain desired gas mixture composition.



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