



Field Instrument Service

For greater convenience and faster turnaround, Brooks Instrument offers a range of on-location services, with a strong focus on field calibration to ensure precision and compliance. Our services also include start-up and commissioning, on-tool troubleshooting and preventative maintenance programs. Additionally, our team can assist in diagnosing issues with non-Brooks equipment to help identify potential solutions.

Field Calibration

- **Precision Calibration** – Devices are calibrated using factory-certified metrology equipment, ensuring optimal accuracy and performance.
- **Factory-Standard Methods** – Calibration is performed using Brooks Instrument-developed software and procedures consistent with those used in our manufacturing facilities.
- **Detailed Calibration Reporting** – Comprehensive "as found" and "as left" data is provided for every device, offering full transparency and traceability.
- **Certification Options** – NIST* and ICC certificates are available upon request to meet your regulatory and compliance needs.

*Available depending on flow rates

Field Startup and Troubleshooting

- **Comprehensive Support** – Ensure peace of mind with immediate access to expert assistance for device control, tuning, leaks, configuration concerns, and general device/system troubleshooting.
- **Access to Expertise** – Our factory-trained engineers and technicians provide hands-on guidance for best practices, preventative maintenance, and device theory, helping you optimize performance and resolve issues quickly.
- **Rapid Issue Resolution** – Unexpected problems, including configuration or tuning issues and device malfunctions, are addressed on-site to minimize downtime and ensure operational continuity.



The field service team works seamlessly with our engineering and manufacturing teams to deliver expert service with the latest updates, procedures, and materials—straight from the factory. This ensures your devices operate at peak efficiency and reliability, optimizing your processes for maximum performance.

Why Field Service?

- Brooks can provide the benefit of an in-house metrology team without you having to keep them on staff. No need to invest in costly metrology equipment. Utilize over 75 years of experience servicing our devices.
- Reduce downtime by performing calibrations on-site during scheduled downtimes
- Our team can service spare devices on-site, so they stay calibrated and available when needed. This helps ensure your investment in spares is always ready to support operations.
- Eliminate shipping costs and delays when sending devices out for calibration.
- Field service engineers are trained to perform minor adjustments and limited on-site repairs for Brooks Instrument products, helping to optimize performance and reduce downtime when possible.

Contact Technical Services

If you are interested in scheduling Field service or have any questions please reach out to our Technical Services team.

215.362.3798 | Brooks.TechSupport@BrooksInstrument.com



Model	Flow Range (N ₂ Equivalent @ 0°C)	Calibration Gas
GF040/GF080	50 SCCM – 30 SLPM	N ₂ Only*
MF50I-60I/MF50X-60X MF51I-61I/MF51X-61X MF53I-63I/MF53X-63X	50 SCCM – 1000 SLPM	N ₂ , Air, He, Ar, H ₂ , CO ₂ , O ₂ **
SLA5850-60/SLAMF50-60*** SLA5850-61/SLAMF51-61*** SLA5850-63/SLAMF53-63*** ***Includes both Rev A and Rev B configurations	50 SCCM – 1000 SLPM	N ₂ , Air, He, Ar, H ₂ , CO ₂ , O ₂ **
4850/4860	50 SCCM – 30 SLPM	N ₂ , Air, He, Ar, H ₂ , CO ₂ , O ₂ **
5850I-60I/5850E-60E 5851I-61I/5851E-61E 5853I-61I/5853E-63E	50 SCCM – 1000 SLPM	N ₂ , Air, He, Ar, H ₂ , CO ₂ , O ₂ **
5850S/5860S 5851S/5861S 5853S/5863S	50 SCCM – 1000 SLPM	N ₂ , Air, He, Ar, H ₂ , CO ₂ , O ₂ **

*GF Series are only calibrated on N₂ gas. Process gas pages are created from the N₂ calibration using MultiFlo™ technology.

**If your gas is not listed, please consult our Technical Services team.