



GAS CHROMATOGRAPH and CONTINUOUS GAS ANALYZERS

Preventative Maintenance Agreement (PMA)

Improve measurement accuracy and reliability

Optimizing Your Processes and Enhancing Your Bottom Line



Planned Preventative Maintenance

Our on-site service includes comprehensive inspection, testing, adjustment, calibration, and repair planning for the analyzer and sample system provided by Spartan Controls.

Operational Support:

Address any operational issues or questions to ensure your system operates without interruption.

Maintenance Procedure Review:

Collaborate with your team to refine maintenance procedures, ensuring consistent operation and minimizing disruptions.

Gas Supply System Inspection:

Test calibration, carrier, and actuation systems to reduce expensive gas consumption, enhance accuracy, and reduce downtime with leak testing and gas consumption checks.

Sample System Inspection:

Assess pressures, flows, and sampling accuracy. Identify any contamination risks that could lead to analyzer failure and address them proactively.

Sample System Maintenance:

Perform cleaning, filter replacement, and repairs. Adjust pressures and flows for optimal sampling performance.

Process Stream Data Review:

Analyze current and previous data to identify inaccuracies, helping improve system reliability and performance.

Event and Alarm Log Review:

Identify past or present issues through thorough review of event and alarm logs to preemptively address concerns.

Calibration Accuracy Check:

Review and adjust calibration results to ensure accurate measurements and repeatability.

Post-Maintenance Data Verification:

Confirm system functionality by reviewing process data after maintenance, ensuring the analyzer is back online and data is updated.

Detailed Reporting:

Receive a comprehensive report, including maintenance performed, calibration results, and recommendations for system improvement.



Benefits

- Certified, factory-trained technicians help optimize system performance and minimize downtime with preventative maintenance.
- Identify early issues that could impact your analyzer's lifespan or accuracy, preventing costly performance problems.
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- Our maintenance program includes detailed reports that verify analyzer maintenance and accuracy.
- Discount on hourly rates and free remote emergency support to resolve issues without unnecessary field service visits.



Additional Savings

Any demand service on this equipment during the agreement period will receive the same hourly rate discount.



Contract Terms

The term of this contract shall be valid for one year of the date of purchase, or as the contract specifies. Support will be provided as requested by an authorized customer employee or a representative of the customer only. The term of this contract will be renegotiated at the start of every contract term or as the customer deems fit.



Customer Responsibilities

To ensure smooth maintenance, please ensure the system is available for Spartan technician visits. During maintenance, the analyzer will be offline, and no updates will be available. Ensure all gases are supplied for operation. Customers may provide spares or consumables, or Spartan Controls can supply them at an additional cost.





On-site Service Frequency

1. Quarterly service agreements will receive an hourly rate discount of 15%
2. Semi-annual service agreements will receive an hourly rate discount of 10%
3. Annual service agreements will receive an hourly rate discount of 5%

Each service trip will be invoiced based on the actual service costs and will utilize the applicable discounted rate.

Please contact Spartan Controls at (403)207-0700 and ask for more details on Analytical subscription services.



Remote Services

Remote service options could be used to reduce costs, increase service frequency or provide emergency support. This could involve a remote connection utilizing our Empowered systems or by reviewing diagnostic data provided by site personnel. Please ask about our remote service options.

Call us or request a quote online 24/7

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VISIT US AT
spartancontrols.com



If assistance is required, please mention that the charges should reflect the preferred rates contained within the agreement.