



CHROMATOGRAPHY

Service | Verification | Training | Application

SC Chromatography: At Your Site Planned Maintenance

SC Chromatography are the experts when it comes to instrument reliability. We believe the best answer to your planned maintenance need is the one that saves time and money.

Key Benefits to onsite planned maintenance program :

- 1. Increases instrument and data reliability.**
- 2. Professionally performed services minimize down time.**
- 3. Regular maintenance reduces instrument failures.**
- 4. Complete maintenance drastically reduces the probability of multiple sequential failures on the same instrument.**
- 5. Cost effective answer to an additional service only employee.**
- 6. Relieves the responsibility of maintenance from the operator.**
- 7. Onsite visits provide an opportunity to answer troubleshooting and operational questions from the operators in a one on one forum.**
- 8. Maintenance records provided as part of GLP recordkeeping.**
- 9. Provides consistent, methodical, reliable, scheduled service.**
- 10. Maintenance performed as your schedule permits.**



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Planned Maintenance Program

Parts Included:

Needle; Needle seat; Sample valve rotor seal; Quaternary pump piston seals; Purge valve frit

Definitions:

Planned Maintenance (PM):	The procedure carried out at regular intervals to enhance instrument performance and to minimize any unscheduled down time. The process is intended to ensure the instrument is operating under the best possible circumstances.
Clean and Inspect:	Generally, the system is evaluated for signs of wear, electronic trouble, physical damage, and operating condition. Electronic components, circulating fans and surfaces are cleaned of debris and dirt.
Parts replacement:	Any obvious issues with readily replaceable parts are addressed while the system is down. Fuses, tubing, or other consumable component may be replaced at this time.
Leak/pressure tests:	Pump performance is examined after service, flow cell is checked for leaks, and system pressure test is performed.
Detector performance tests:	The detector is evaluated for light leaks, and sensitivity.
Chemical performance tests:	Evaluates the instrumentation after service and provides assurance that the system is working properly.
Repair recommendation:	If there is a part that is failing or about to fail, the operator is notified so the proper steps can be taken to remedy the issue.
Documentation Review	Any problems or difficulties are reviewed with the operator and documentation of the service is provided.

Notification Sticker A sticker noting the services performed and the next time interval for service is applied to the system. Any system logbooks are updated at this time.

The cost for the above mentioned maintenance service includes the necessary tools; protocols and chemical test kits as well as travel and labor expenses for the service engineer.