

KORY'S GC TECK – TIPS

GC Inlet Maintenance Schedule

A lot of GC trouble shooting issues arise because of consumable system parts which need to be replaced. It is not always obvious which part needs replacing. Therefore, a fair amount of time can be spent locating the problem part before it can be fixed.

Instead of waiting for a problem to occur, it is best to be proactive about GC maintenance. For instance a majority of GC issues are inlet related. By replacing inlet parts such as liners and septa on a regular basis, problems will occur far less frequently. Since problems will be occurring less often, there will be less instrument down time, resulting in greater productivity.

Below is a list of inlet parts which should be replaced regularly to prevent instrument down time. Depending on how dirty the samples are, some parts will need to be replaced more or less often. In such instances, a set length of time or number of injections should be decided upon which is appropriate for the samples.

Item	Replacement frequency
Septa	100 injections (depends on needle style)
Liners	Sample dependent (no more than 6 months)
Rubber O-ring	6 months or with each liner change
Gold seal	Sample dependent (no more than 6 months)

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