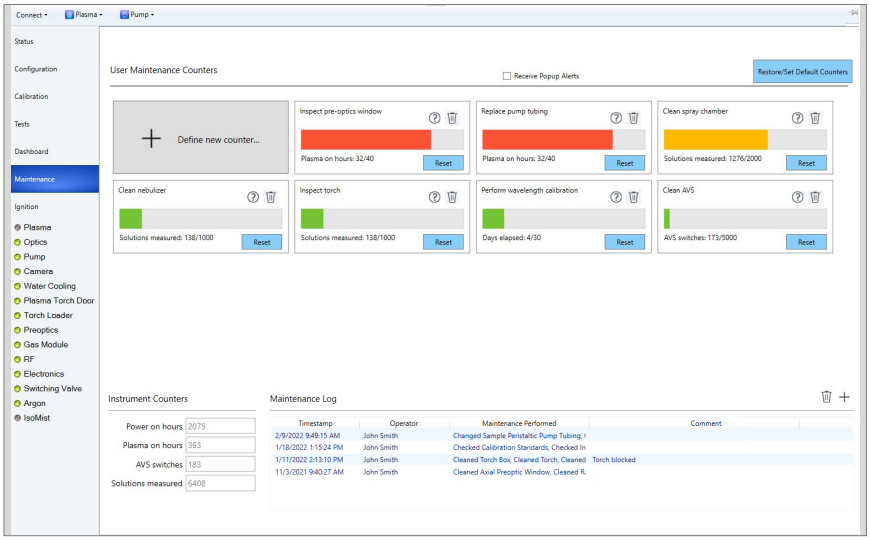
Early Maintenance Feedback for ICP-OES

Programmed notifications of instrument maintenance requirements

Benefits of Agilent EMF

- Tracks maintenance tasks on a sample throughput basis to reduce unnecessary maintenance
- Provides links to step-by-step instructions showing how to do maintenance tasks
- Ensures peak ICP-OES system performance whilst reducing wasted time
- Stores your maintenance log onboard so you never lose another paper logbook again



Alerts address common reasons for service calls, such as poor precision due to worn pump tubes, or poor sensitivity due to a dirty pre optic window. By alerting the analyst of a problem and then guiding them through the process of fixing it, the expense and downtime of a service call can be avoided.

Smart instrument health tracking

Many labs do ICP-OES maintenance activities based on a calendar schedule. This approach doesn't factor in the actual usage of the instrument in terms of sample load—which is a better indicator of when maintenance is required.

Insufficient maintenance of an ICP-OES can lead to costly unplanned downtime, or analysis failures that cause time-wasting sample remeasurement. Maintenance that is too frequent also wastes time and can increase the cost of consumables.

Smart maintenance log

It is common for labs to have a paper book that contains records of all of the maintenance completed for an ICP-OES.

Over the lifetime of the instrument it is easy for this hardcopy book to be misplaced or lost, leading to an incomplete story of maintenance for the instrument.

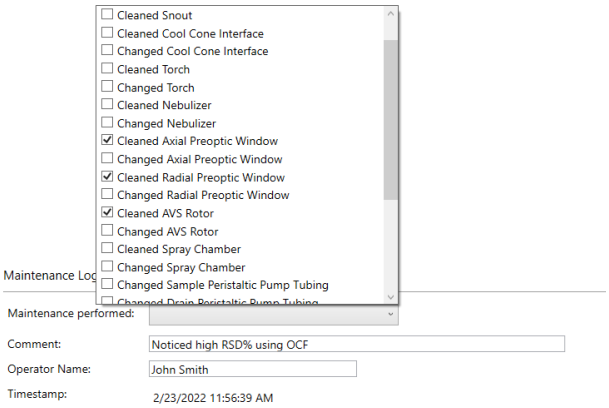
Agilent

Trusted Answers

Smart tools signal when ICP maintenance is actually needed

Both the Agilent 5800 and 5900 ICP-OES instruments have sensors and counters that generate an alert when maintenance is needed. The counters monitor the number of samples measured and can be adjusted to suit the type of samples you typically run, so your maintenance schedule is appropriate to maintain instrument performance. For example, if you typically run samples with high dissolved solids your instrument will need more frequent maintenance than one running drinking water samples.

For more information visit:
www.agilent.com/chem/5800icpoes



The maintenance log can be updated with manual entries for tasks the instrument cannot capture automatically

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