ICP Expert Automation Software Pack

Remote, automated elemental analysis

ICP Expert
ICP-OES Instrument Software

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Automation registration

Automation getting started

Developer reference guide

Sample client and worksheet

The Automation Software Pack includes informative guides, and sample client and worksheet to make getting started easy.

The Smart Way to Streamline Analysis Workflow

The Agilent Automation Software Pack is a programming toolkit that enables remote, automated elemental analysis via third-party client control of an ICP-OES instrument.

Real-time data and instrument updates can be returned via a network connection, and commands can be programmed to trigger a wide range of processes without an on-site user. This allows fast, automatic response to data and much more control over both the instrument and overall workflow.

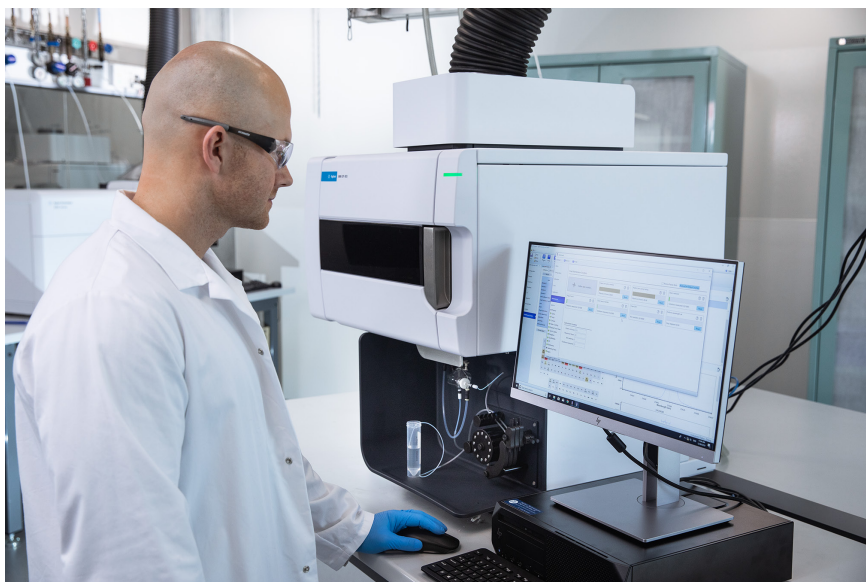### Take the instrument to the sample

Typically, time-consuming and costly sample collection and transportation is required prior to analysis being performed at a separate lab. Results are then relayed back so decisions can be made and actions taken based on results. With the Automation Software Pack, the instrument can be located at the sampling point, streamlining sampling procedures, and reducing time and labor costs.

Because result data can be returned from the instrument to the client immediately, urgent actions can be programmed and undertaken automatically based on results. By removing the need to transport samples for analysis, risks such as environmental spills or incorrectly manufactured products can be avoided.

An automated solution for elemental analysis

The Agilent Automation Software Pack is a smart solution for companies wanting to include elemental analysis and result reporting in highly automated production processes.

In conjunction with a safe, simple to use Agilent ICP-OES instrument, the automation pack allows automation of sample analysis, the results of which can be programmed to trigger a wide range of controls. For example, alarm can be sounded if the concentration of an analyte reaches a pre-determined threshold. This is ideal for applications such as on-site process monitoring and environmental monitoring.

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The Agilent 5800 ICP-OES does not require any flammable gases and is safe to run unattended and in remote locations.

Build a custom automation solution

Do you have an existing analysis system at a remote location or production area that is requiring too much maintenance or not performing as well as you would like? An Agilent ICP-OES instrument, alongside the Automation Software Pack, could be the ideal replacement. The ICP-OES does not require any flammable gases and is safe to setup unattended and in remote locations. Using these two components, you can create a custom solution with low maintenance requirements and a high level of automation.

Benefits

– Instrument can be located at the sample, streamlining sampling procedures and reducing time and labor costs.

– Users can program custom commands and functions, allowing the instrument to run automatically without an on-site user.

– Rapid, automatic follow-up response to data, allowing urgent programmed actions to be undertaken based on results, in real-time.

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