



ICP Expert Software Installation Instructions

This document covers:

- Configuring computer power options
- Installing or upgrading ICP Expert software
- Registering your ICP Expert software
- Performing an Instrument and Detector calibration
- Activating the ICP Expert Pro Feature pack

Computer power options

To minimize the risk of data loss, ensure the instrument computer has the Hibernate or Sleep power saving mode turned off.

To do this:

- 1 For Windows 7: Click **Start > Control Panel > Hardware and Sound > Power Options**.
For Windows 10: Right-click Start and then select **Power Options**.
- 2 Select the **Balanced (recommended)** radio button.
- 3 Click **Change plan settings**.
- 4 Select an appropriate setting from the “Put computer to sleep” drop-down menu selection. We strongly recommend selecting **Never**.
- 5 For Windows 7: Click **Apply** then **OK**
For Windows 10: Click **Save changes** and then close the window.
- 6 Restart the computer to enable the changes.

Installing or Upgrading Software

To install the software:

- 1 Log onto the instrument computer with Administrator privileges.
- 2 Insert the application software disk. At the AutoPlay prompt select the **Run ICPExpertSetup.exe** and then click **Yes** at the prompt, if it appears.

NOTE

If no installation screen appears, run ‘ICPExpertSetup.exe’ from the DVD directory.



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NOTE

Microsoft Windows may report an unverified publisher warning when attempting to install or run ICP Expert, SCM or SDA. This will happen on older Windows installations which are using outdated "trusted" digital signatures. The specific message reported will be "Windows cannot verify the digital signature".

The application signature can be verified. Navigate to the application exe file. Right-click the file and then select **Properties**. Click the **Digital Signatures** tab, select the signature and then click **Details**.

Update Windows to the latest version or install the missing trusted root signatures required to resolve the issue.

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- 3 A User Account Control dialog box will appear. Click **Yes** for 'Do you want to allow the following program to make changes to this computer?'.
 - 4 Follow the prompts on the screen until the 'Select Destination Location' window appears. Confirm the directory in which you would like to install the application. Alternatively, click **Browse** to choose a different location. Click **Install**.

NOTE

Agilent strongly recommends the Agilent\ICP Expert folder and applications are installed in the recommended C:\Program Files (x86) directory.

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- 5 If a message appears indicating that the Microsoft Visual C++ Distributable software requires installation, accept the license terms and then follow the prompts to install. If not, proceed to Step 9.

NOTE

Click Ignore if a 'File in Use' message appears.

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- 6 Restart the computer at the end of the Microsoft Visual C++ Distributable software installation.
 - 7 At the AutoPlay prompt select the **Run ICPExpertSetup.exe** and then click **Yes** at the prompt, if it appears to continue the installation.

NOTE

If no installation screen appears, run 'ICPExpertSetup.exe' from the DVD directory.

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- 8 Follow the prompts.
 - 9 At the 'Agilent Technologies SPS 4 Driver Installer' dialog, click **Next** and then **Install**. Click **Finish** when prompted.
 - 10 If you are directed to restart the PC, follow the prompts to do so and then go to Step 11.
Otherwise, at the 'Agilent ICP Expert Software Installer Setup' dialog, click **Finish** to complete the installation and remove the application disk from the DVD drive.
 - 11 Once the computer has restarted, remove the application disk from the DVD drive.

Registering the Software

Once installation is complete, you will need to:

- Register your ICP Expert Software
- Perform a wavelength calibration and detector calibration

To start and register the ICP Expert software:

- 1 Double-click the ICP Expert icon on the computer desktop. Click **Allow** if the Microsoft Windows firewall message appears.
- 2 The first time the ICP Expert software is open a Software Registration dialog will appear. Click **Next**. You will need an internet connection.
- 3 Complete the Software Registration, referring to the Help if required.

NOTE

The Product Key is found on the cover of the Agilent ICP Expert software DVD case which was delivered with the instrument.

- 4 A dialog appears stating 'Your Agilent Software Registration has been successful'.
- 5 The application will now open.

Connecting the ICP Expert Software to the 5100 and 5110 ICP-OES

To connect the ICP Expert software to the ICP-OES instrument, refer to the ICP Expert Help. With ICP Expert open, press F1 on your keyboard to open the Help. Expand **Software > Toolbar > Instrument** for details.

Instrument and Detector Calibration

When the software installation is complete, you *must* perform an instrument and detector calibration (also referred to as wavelength and detector calibration) before initiating any measurements with your instrument. Refer to the Agilent 5100 and 5110 ICP-OES User's Guide or ICP Expert Help for steps on how to perform these calibrations.

Accessing the Help

To access the Help files, double-click the ICP Expert Help computer desktop icon, or with the ICP Expert software program open, press F1 on your keyboard, or select the Help button where appropriate.

Activating ICP Expert Pro Feature Pack

Follow these steps if you have purchased the ICP Expert Pro Feature Pack with your ICP Expert software.

If, after installing the ICP Expert Pro Feature Pack software, you are not prompted to re-register your software, then go to the ICP Expert Help > About dialog box to complete the upgrade process.

To activate the ICP Expert Pro Feature Pack:

- 1 Click on **Help > About ICP Expert**.
- 2 Click **Upgrade**. This will open the software registration page.
- 3 Enter the product registration code for ICP Expert Pro Feature Pack located on the installation DVD cover.
- 4 Restart the ICP Expert software.

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This information is subject to change without notice.



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