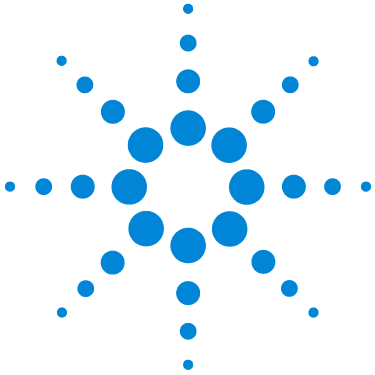

Agilent
MSD with OpenLAB CDS

Quick Start

Agilent Technologies

Notices

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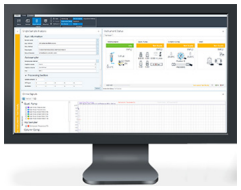
Quick Start

Welcome to the Agilent MSD System

Your system includes:

- The popular **Agilent 597X series MSD** featuring advanced technology, increased analytical abilities, and reduced maintenance requirements. The 5977B MSD is shown here. Your system may be equipped with the 5977B, the 5977A, or the 5975 MSD.
- One of Agilent's reliable, accurate, and precise Gas Chromatograph systems, such as the **Agilent 7890 GC**, **7820 GC**, **6890 GC**, or **6850 GC**. The Agilent 7890 Series GC, shown here, has advanced separation abilities, self-monitoring intelligence, faster oven cool-down, and robust backflushing.

- The **Agilent GC and GC/MS User Manuals and Tools DVD** set, an extensive collection of manuals, tools, and videos for your GC and GC/MS hardware.



- The **Agilent OpenLAB CDS Workstation Software**, a comprehensive portfolio of software, manuals, videos, eFamiliarization, user applications, and method development tools for your system.

This book provides a brief summary of your system documentation and where to find it.

The Agilent 597x Series MSD

The **Agilent 597x Series MSD** includes the **5975**, **5977A**, and **5977B** MSD.
The 597x is a stand-alone capillary GC detector for use with an **Agilent 7890** Series**, 7820** Series, **6890** Series, or **6850** Series Gas Chromatograph. (The 5977B MSD is pictured with a 7890B GC.)

See the full library of hardware information available for your GC and GC/MS systems on the **Agilent GC and GC/MS User Manuals and Tools** DVD set (G4600-64006). Refer to "Your GC and GC/MS Hardware Library" on page 10 for details on how to install and access this wealth of information.

Figure 1 Agilent 5977B GC/MSD system, shown with the Agilent 7890B GC

The Agilent OpenLAB CDS Workstation

Agilent OpenLAB CDS software provides powerful and easy-to-use tools for data acquisition and analysis. Click **Status**, **Method**, **Single Sample**, or **Sequence** to access corresponding detailed screens. The one shown here is an example of what the 597x Method Editor screen will look like. Your screens will be customized to the exact instruments you have configured.

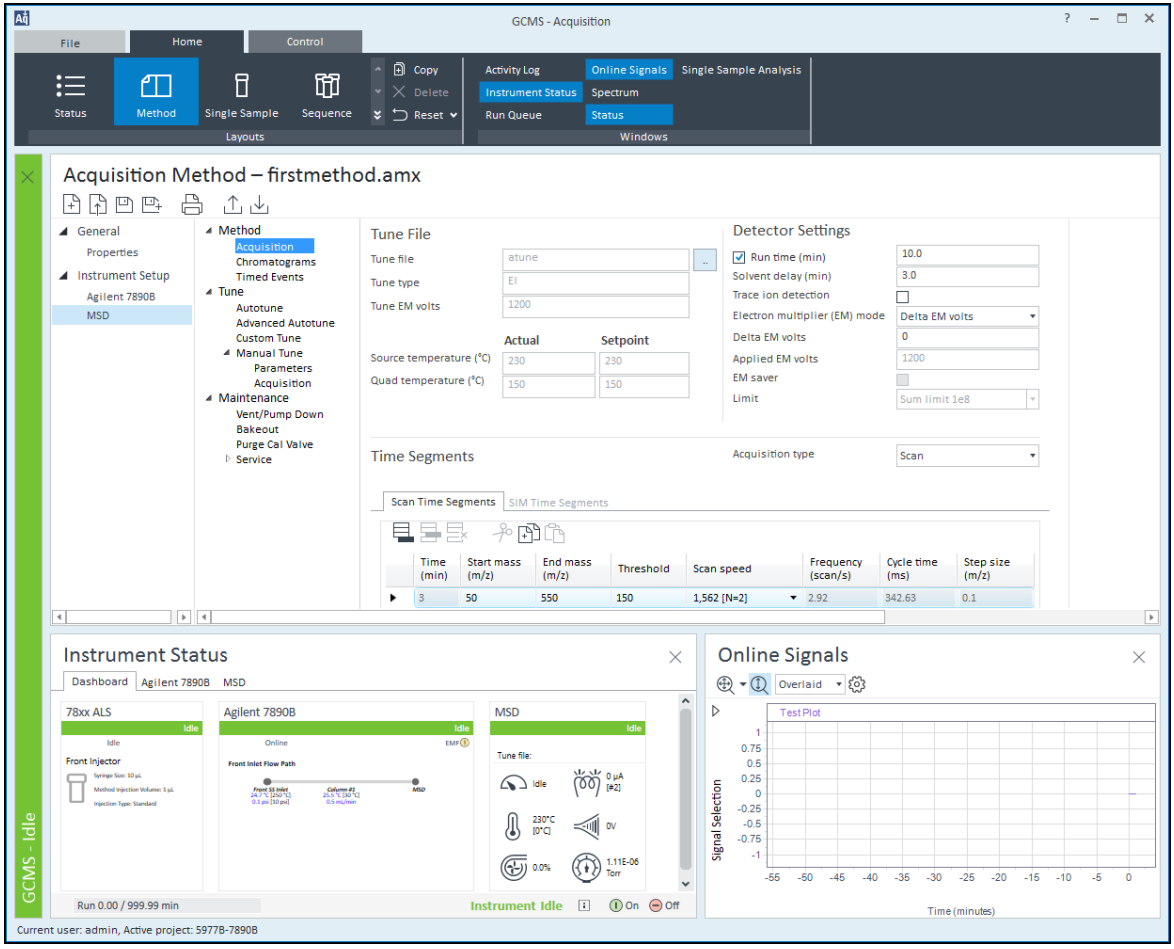


Figure 2 Agilent OpenLAB CDS Workstation 597x Method screen

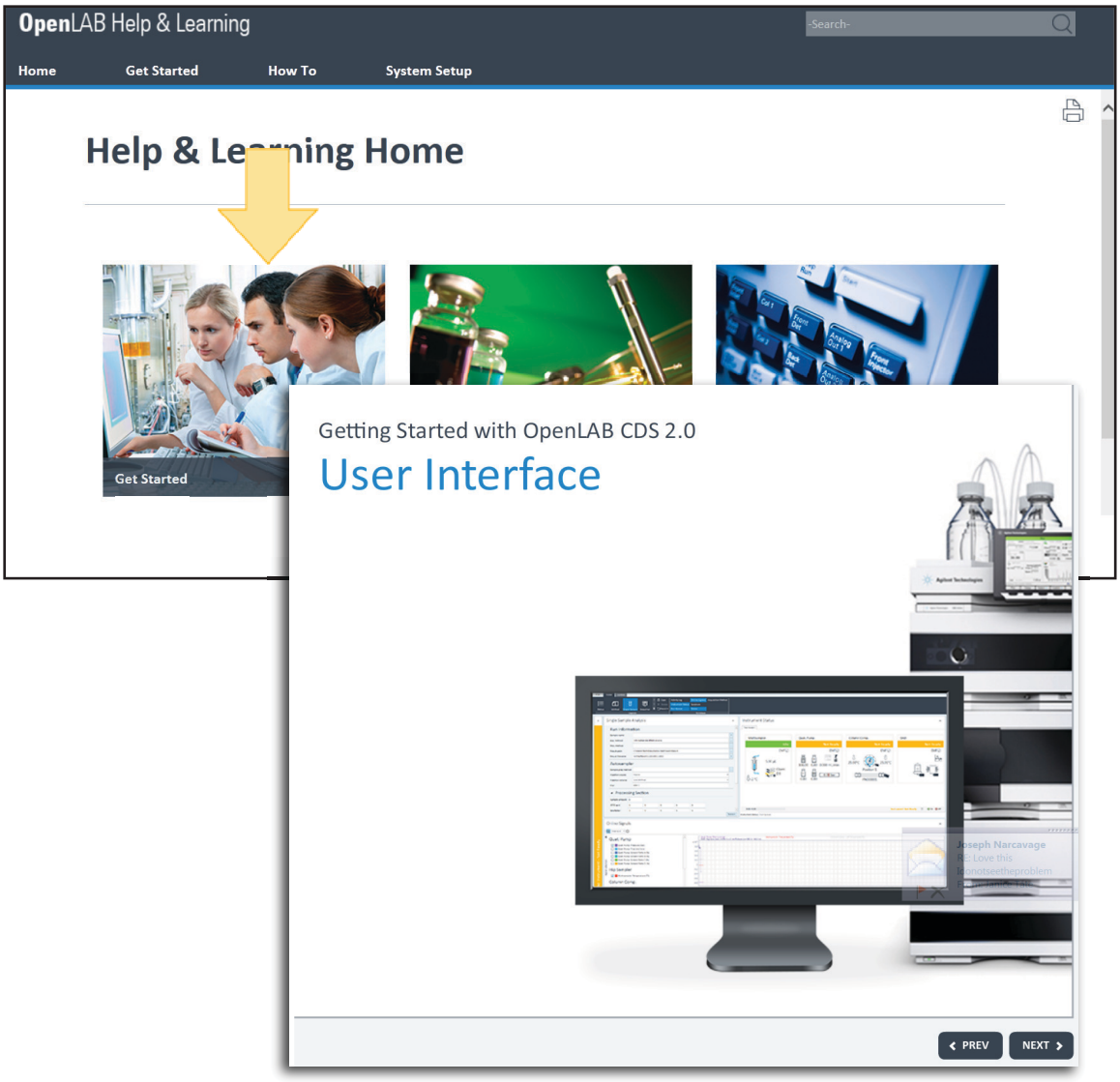
OpenLAB Help and Learning

Included with OpenLAB CDS is a comprehensive portfolio of manuals, videos, getting started lessons, user applications, and method development tools for your system.

To install the Help and Learning material on PCs other than those using the OpenLAB CDS software, select **Documentation > Install OpenLAB Help and Learning Only** from the OpenLAB CDS software installation disk.

On-Demand Training Tool

Included in Help & Learning, under **Get Started**, is the powerful, interactive, on-demand training tool for OpenLAB CDS. This can help you easily learn the new functionality at your own pace, whenever you want. The modules walk you through detailed steps of using the OpenLAB CDS software.

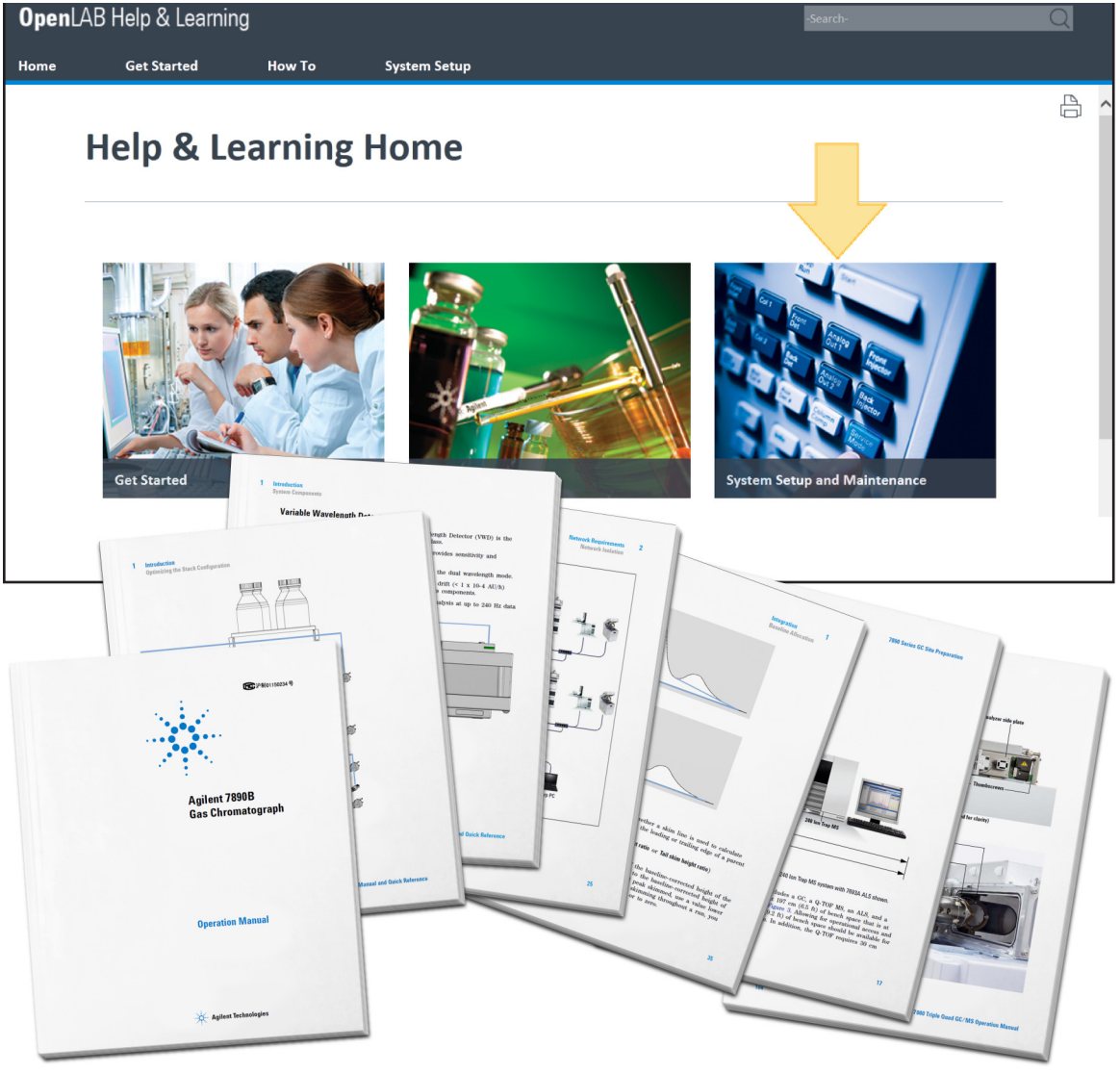


How To

In Help & Learning, under **How To**, you will find hundreds of topics written as detailed step-by-step instructions that walk you through routine tasks. Topics with a Play button, include software demonstration videos.

System Setup and Maintenance

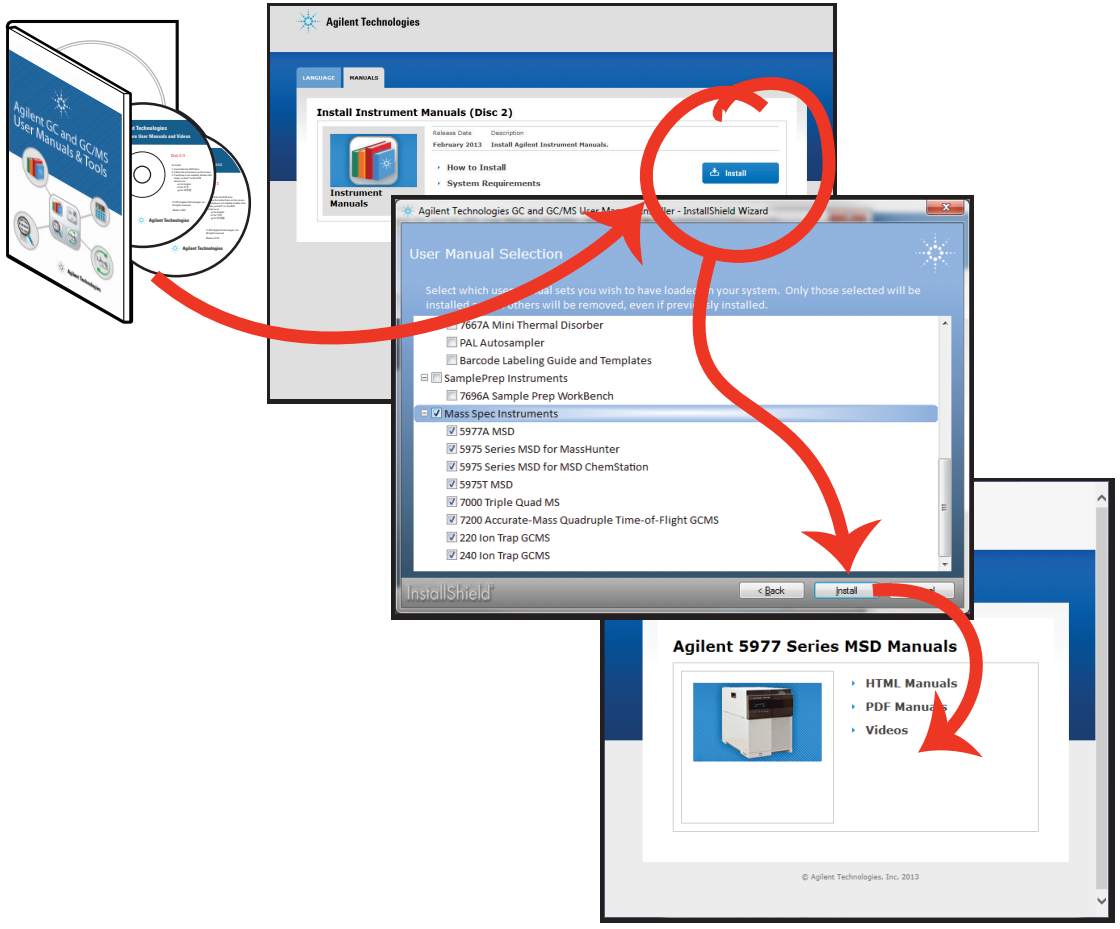
In Help & Learning, under **System Setup and Maintenance**, you will find selected GC hardware Operating Manuals, Concept Guides, Maintenance Guides, Site Preparation Checklists, Installation Guides, and more. For the complete collection of hardware information for your GC and MSD, see "Your GC and GC/MS Hardware Library" on page 10.



Your GC and GC/MS Hardware Library

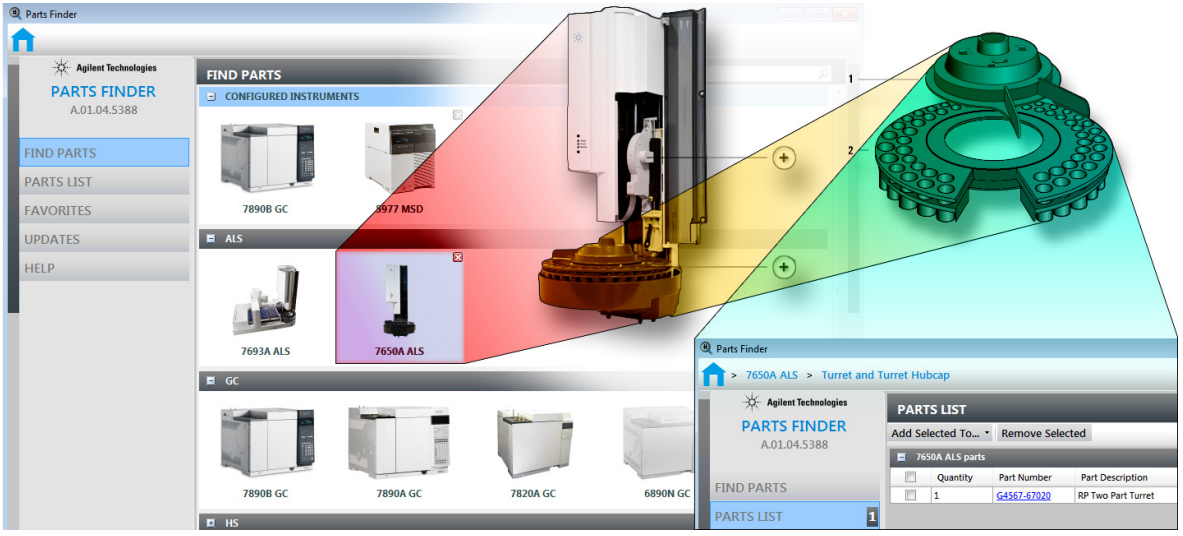
Use the **Agilent GC and GC/MS User Manuals and Tools** DVD set **(G4600-64006)** to install the full library of Learning Products (in HTML and PDF formats). Here you will find the latest **manuals** and **videos** that explain how to install, operate, maintain, and troubleshoot your system plus valuable **user applications** and **method development tools**. Also included is an electronic **Parts Finder** tool which allows you to locate parts quickly by clicking on nested photos rather than thumbing through a paper catalog. See "Parts Finder Tool" on page 11 for more about this tool.

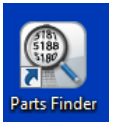
Insert Disk 2 into your DVD drive and follow the system prompts to install these tools on your computer. Once installed, icons will be placed on your desktop for quick access to your material.



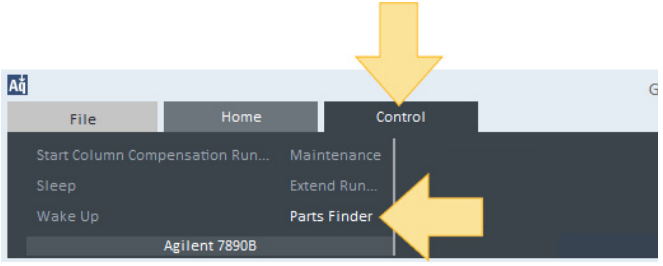
Parts Finder Tool

Included with your system is the Agilent **Parts Finder** tool. This interactive software features an intuitive search with image-based inventory for quick identification of needed parts and supplies for your Agilent instruments. Using **Parts Finder**, rather than thumbing through a paper catalog, you can click on nested photos to quickly locate parts you need.





To open **Parts Finder**, click the Parts Finder desktop icon, or, in OpenLAB CDS, click **Control>Parts Finder**.



The **Parts Finder** tool is installed on your PC along with OpenLAB CDS. It is also available on the **Agilent GC and GC/MS User Manuals & Tools** DVD described on page 10.

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