Agilent MassHunter Workstation Software for LC/MS – Offline Qualitative and Quantitative Analysis

Installation Guide

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Use this guide to install an off-line copy of the Qualitative Analysis and Quantitative Analysis programs and Microsoft Excel.

CAUTION

MassHunter and Excel software must be installed and set up in the order described in this guide, or the printing of reports can fail.
Step 1. Prepare for installation

1. If this installation is an upgrade, use the Add or Remove Programs command in Control Panel to remove these programs from your computer:
   - Excel 2003
   - Qualitative Data Analysis B.01.03 or earlier
   - Quantitative Data Analysis B.01.04 or earlier

2. Run Windows Update to make sure you have the latest critical updates and security fixes.

   Make sure Windows Update is done before you continue.

   **CAUTION**

   If you do not run Windows Update, your system may be vulnerable to security problems. Confirm that the LAN power management has not been reactivated by one of the Windows Update program.

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Step 2. Install the Qualitative Analysis program

1. Check that no other program is running on your system, including Windows Update.

   Installation of the Qualitative Analysis program will fail if Windows Update is running, even in the background.

2. Install the Qualitative Analysis program:

   a. Put the Qualitative Analysis installation disk into the disk drive.
   b. From the installation disk, double-click Setup.exe.
   c. In the License Agreement screen, click I accept the terms of the license agreement, then click Next.
   d. In the Choose Destination Location screen, click Next to accept the default destination location.
      
      The default is C:\Program Files\Agilent\MassHunter\Workstation\Qual.
   e. In the Choose location for customer data files screen, check that the default of D:\MassHunter is displayed in the text box, then click Next. See Figure 1.
Step 2. Install the Qualitative Analysis program

In the Start Copying Files screen, review the settings then click **Next**.

If you get a message that indicates that the screen resolution is not set to the required 1280 x 1024 resolution, click **OK**.

The best resolution for MassHunter is either 1600 x 1200 (for 4 x 3 aspect ratio) or 1600 x 1050 (for 16 x 9).

If you see a Notepad window that prompts you to install other options, close the Notepad window.

When the InstallShield Wizard Complete message is displayed, click **Finish**.

**Figure 1** Location for data files

![Location for data files](image-url)
Step 3. Install the Quantitative Analysis program

1. Check that no other program is running on your system.

   Installation of the Quantitative Analysis program will fail if Windows Update is running, even in the background.

2. Install the Quantitative Analysis program:
   a. Put the Quantitative Analysis installation disk into the disk drive.
   b. From the root directory of the installation disk, double-click `setup_quant.exe`.
   c. In the Welcome to the InstallShield Wizard window, click Next to continue with the installation.
   d. In the License Agreement window, click I accept the terms in the license agreement, then click Next.
   e. In the Destination Folder window, click Next to accept the default destination location.

      The default is `C:\Program Files\Agilent\MassHunter\Workstation\Quant`.
   f. In the Choose location for customer data files window, click the Browse button and select the path used to store data files, click the OK button, then click Next.
Step 3. Install the Quantitative Analysis program

This data file location is typically the path used by the MassHunter Data Acquisition Workstation to store acquired data.

When the Choose desktop icons window appears, mark the check boxes for the instruments that apply. Clear the check boxes for the instruments that do not apply. Click Next (Figure 2).

![Choose desktop icons window]

**Figure 2** Choose desktop icons window

When the Ready to Install the Program window appears, click **Install** to begin.

When the installation begins, you will see the Installing Agilent MassHunter Workstation Quantitative Analysis window.

When the InstallShield Wizard Complete message is displayed, click **Finish**.

Confirm that the icons you selected appear on your desktop (Figure 3).
Step 3. Install the Quantitative Analysis program

Figure 3  Desktop with Icons

NOTE  If you are manually loading, reloading, or upgrading MassHunter programs, go to “Step 7. Check Excel for MassHunter Reporting Add-Ins” on page 14 to configure Excel so that reports print properly.
3 If you want to install the Quantitative Compliance program:
   a Open the folder `SetupCompliance` on the Quantitative Analysis installation disk.
   b Double-click `setup.exe`.

The compliance program is installed.
Step 4. Install and configure Excel 2007

Do this step even if Excel is already installed on your system.

This version of the Agilent MassHunter Workstation software supports Excel 2007 or Office 2007.

1 Start the installation:
   a Follow the instructions that came with Excel 2007 or Office 2007 to start the installation.
   b If you are prompted to enter the Product Key, do so.
      If you do not enter the product key now, Excel 2007 will remind you later, which may interfere with report automation.
   c If you are installing Excel 2007, or if you are installing Office 2007 and you want to install all Office options, click Install Now. Continue at step 3.
   d If you are installing Office 2007 and you want to customize your installation, then click Customize.

2 If Excel 2007 is already installed, or you are doing a customized Office 2007 installation:
   ° For Excel 2007, check that the disk icon next to Microsoft Office appears white. If not, right-click Microsoft Office and click Run all from My Computer. Then click Continue and continue the installation as instructed.
   ° For Office 2007, check that the disk icon next to each of these programs appear white. If not, right-click the program name and click Run all from My Computer:
      Microsoft Office Excel
      Office Shared Features
      Office Tools
      Click Continue and continue the installation as instructed.
Step 4. Install and configure Excel 2007

Figure 4  Microsoft Office installation options. For Excel 2007, you will only see Microsoft Office Excel, Office Shared Features and Office Tools.

3 When you are prompted to get updates, click Go to Office Online. Follow the instructions to update Excel 2007 or Office 2007.

Figure 5  Click the Go to Office Online button to update Excel.

4 Check that Excel security for MassHunter Workstation add-ins is configured:
   a Open Excel.
   b Click the Microsoft Office Button.
   c Click Excel Options. See Figure 6.
Step 4. Install and configure Excel 2007

![Excel Options button]

**Figure 6** Excel Options button

- **d** Click **Trust Center** in the navigation pane.
- **e** Click **Trust Center Settings**. See **Figure 7**.
Step 4. Install and configure Excel 2007

Figure 7 Excel Options window

f Make sure that the Trust access to the VBA project object model check box is marked.

Figure 8 Mark the Trust access to the VBA project object model check box.

g Click OK in the Trust Center window.

h Click OK in the Excel Options window.
Step 5. Install software patches

1. Insert the Qualitative Analysis installation disk into the disk drive.

2. Check the installation disk for any folder which includes the word Patches.

3. If one or more patch files or folders exist on the installation disk, then for each patch installation file:
   a. Double-click the name of the patch file to run the patch installation program.
       You may need to open folders inside the patch folder to find the patch installation file. The names of patch installation files typically end in _Patch_0x.exe.
   b. Follow the instructions to install the patch.

4. Repeat the entire patch installation step for the Quantitative Analysis disk.

Step 6. Install Quantitative Reports

1. Check that no other program is running on your system.
   Installation of the Quantitative Reports will fail if Windows Update is running, even in the background.

2. Install the Quantitative Reports:
   a. Put the Quantitative Analysis installation disk into the disk drive.
   b. From the root directory of the installation disk, double-click setup_quantreport.exe.
   c. In the Welcome to the InstallShield Wizard window, click Next to continue with the installation.
   d. In the License Agreement window, click I accept the terms of the license agreement, then click Next.
   e. If needed, in the Destination Folder window, click Change to change the default destination location for the report templates.
       The default is D:\MassHunter\Report Templates\Quant\.
   f. Click Next to continue.
   g. When the Ready to Install the Program window appears, click Install to begin.
Step 6. Install Quantitative Reports

When the installation begins you will see the Installing Agilent MassHunter Workstation Quantitative Analysis Reporting window.

h When the InstallShield Wizard Completed message is displayed, click Finish.

3 If you plan to use a PCL6 printer, download the print driver patch from http://support.microsoft.com/kb/935843.

This patch is needed to correctly print reports in A4 format to HP PCL6 printers.

4 If you plan to print MassHunter reports to a networked printer, set the Microsoft Image Writer as the default printer:

a Click Start > Control Panel.

b Double-click Printers and Faxes.

c Right-click Microsoft Office Document Image Printer and click Set as Default Printer.

The Microsoft Image Writer formats the Excel workbooks three to four times faster for networked printers because the formatting page set-up information is stored on the local computer. The report is processed by the Microsoft Image Writer, but it is actually printed on the printer that is selected in the MassHunter program.

5 Install the Save as PDF add-in.

a On the Qualitative Analysis or Quantitative Analysis installation disk, open the folder Supplemental\tools\Excel2007.

b Double-click SaveAsPDFandXPS.exe.

c Follow the instructions to install the add-in.

This plug-in lets you save and send reports in PDF format.

NOTE If you remove a MassHunter program and then install it again, you may also need to re-install the PDF plug-in.
Step 7. Check Excel for MassHunter Reporting Add-Ins


If you are warned that Excel is unable to find a MassHunter Add-In, click OK.

2. Open the Add-Ins dialog box:
   a. Click the Microsoft Office button, then click Excel Options.
   b. From the navigation pane, click Add-Ins.
   c. Click the Go button next to the Manage drop-down list.

3. Verify that check boxes are marked for all add-ins that begin with Masshunter, then click OK. See Figure 9.

![Figure 9](image-url)

Figure 9   All MassHunter add-in check boxes marked
Step 8. Install the DA Reprocessor - Offline Utilities

The Offline Utilities disk contains the DA Reprocessor program. The DA Reprocessor program lets you reprocess one or more data files by running a worklist which starts the Qualitative Analysis program for each file and method in the worklist.

1. Insert the MassHunter Acquisition Offline Utilities disk into the disk drive.
2. Double-click set-up.exe.

Refer to the Data Acquisition online Help for more information on running the DA Reprocessor program.
In This Book

This book contains installation instructions to install an offline copy of the Agilent MassHunter Workstation Software. You will install the Qualitative Analysis and Quantitative Analysis programs and Offline Utilities. You will also install and configure Excel 2007.

If you have comments about this guide, please send an e-mail to feedback_lcms@agilent.com.

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