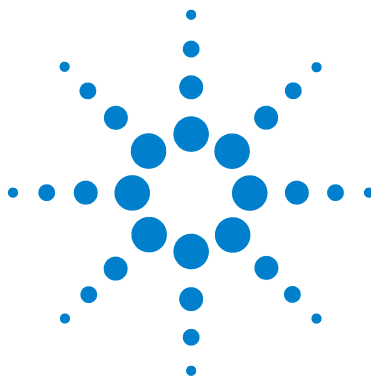




Agilent 7500 Series ICP-MS

MassHunter Workstation (G7200A) Install Guide



Agilent Technologies

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1

Installing the Agilent 7500 Series MassHunter Workstation Software

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This manual is based on Windows XP and the differences are described for Windows Vista.

See “readme.txt” in the Install Disc, for the OS in which your MassHunter Workstation Software can operate.



WARNING

Many computers have voltage selection switches, check for the correct setting according to your local supply before inserting the power cord.

NOTE

Confirm the instrument is in shutdown mode before installing MassHunter Workstation. If the instrument is in standby mode, put the instrument into shutdown mode by pressing the shutdown switch on the underside of the right instrument cover. The instrument then transfers to shutdown mode (it takes approximately 5 minutes). When the instrument is in shutdown mode, the LED status indicator on the cover turns off.

If you are upgrading the MassHunter Workstation software from a previous version or reinstalling the software put the instrument into shutdown mode, via MassHunter Workstation, before uninstalling MassHunter Workstation Software.

It is necessary to turn the instrument power on to download the firmware after installing the MassHunter Workstation Software.

CAUTION

The setup procedure in this section is a typical example. The procedure depends on the computer and printer.

Microsoft, Windows, Windows XP and Vista, .Net Framework, Microsoft Office Excel® 2007 are either registered trademarks or trademarks of Microsoft Corporation in the United States.

Computer Configuration

1 Turn on the computer and check the following BIOS settings.

- Power setting: Disabled (for example: Auto Suspend Timeout, Hard Drive Timeout, Modem Ring)
- Plug and Play: Enable

NOTE

All items will not always appear.

NOTE

Refer to the computer's manual for the BIOS setting.

Windows Configuration

NOTE

The partition for the MassHunter Workstation should be NTFS format.

Windows Vista Configuration

1 Start Windows Vista.

The first time Windows Vista is started, the setup wizard appears. Follow the instructions.

2 The Set up Windows screen appears.

Enter the username and password as follows, and click **Next**.

User Name : Support

Password : blank

When a message to enter a computer name appears, enter ICPMS01. After that, please follow the instructions of the set up to select.

Create User Account as follows:

User

Chemist

Assign "User" and "Chemist" to the Administrator group. Leave the password blank for now.

3 Setting display

Select **Appearance and Personalization**>>**Change the theme** in the Control Panel.

The following settings:

Theme: Windows Vista

Select **Appearance and Personalization**>>**Change screen saver** in the Control Panel.

The following settings:

Theme: (None)

Select **Change power settings**>>**Change Plan settings**>>**Change advanced Power settings**.

Hard disk >> Turn off hard disk after : Never

Display >> Turn off display after : Never

Sleep >> Sleep after : Never

Sleep >> Hibernate after : Never

Click **Adjust screen resolution** in the Control Panel.

Colors : Medium (16bit)

Resolution : 1600x1200 or 1680x1050

Click **Advanced** button, and confirm the following settings.

Screen refresh rate : 75Hertz

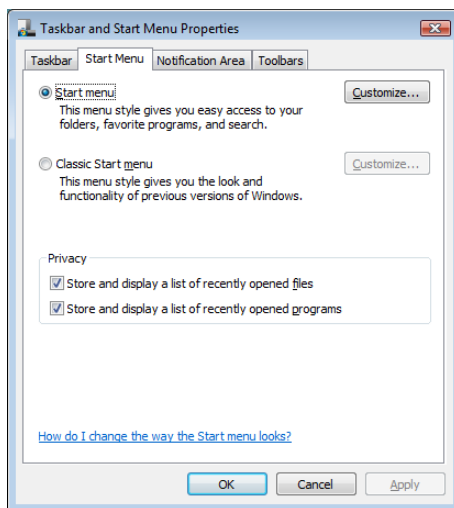
*If 75 Hertz does not work correctly, select OS default setting.

4 Setting taskbar

Click **Taskbar and Start Menu** in the Control Panel.

Select the **Start Menu** tab, and select the **Start Menu**.

Click **OK**.



5 Folder Options

Select **Appearance and Personalization>>Folder Options** in the Control Panel.

Select the **View** tab and confirm the following settings:

- Select Do not show hidden files and folders
- Set ON Hide extensions for known file types
- Set ON Hide protected operating system files

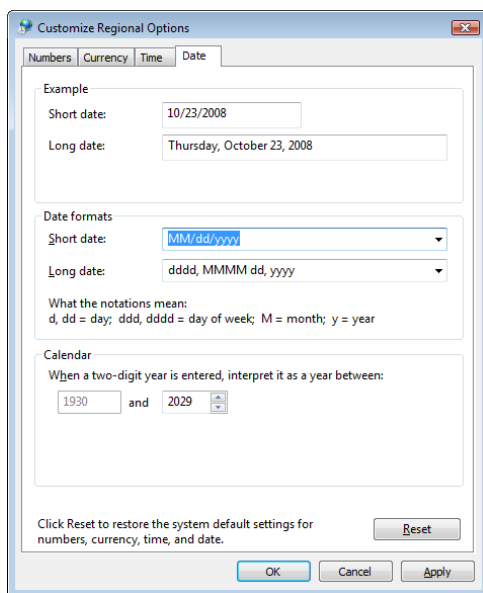
6 Format Day/Time

Click the **Regional and Language Options** icon in the Control Panel.

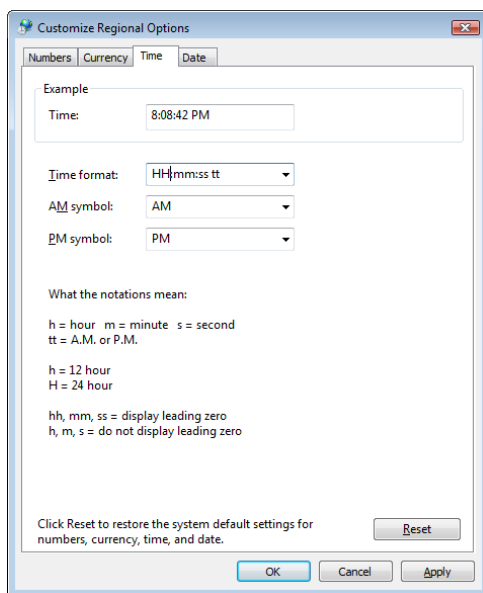
Click the **Customize this format** button in the Regional and Language Options.

Select the **Date** tab and select **MM/dd/yyyy** in the Short Date Style box.

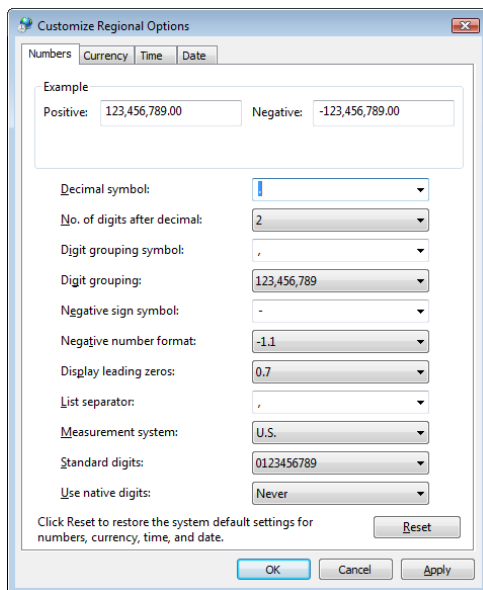
1 Installing the Agilent 7500 Series MassHunter Workstation Software



Select the **Time** tab and select **HH:mm:ss**.



Click on the **Number** tab and Select “.” (**Dot**) in the Decimal Symbol box.

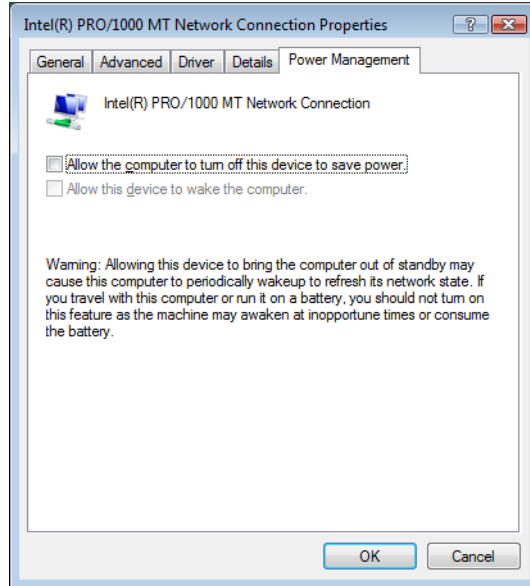


Click **OK**.

- 7 Logon to Support, Chemist, and User. And set the same setting of step 4 through step 7.**
- 8 Internet Protocol (TCP/IP) Properties**
 - 1** Logon as Administrator.
 - 2** Double click **Network Connections** icon in the Control Panel.
 - 3** Right click **Local Area Connection**, select **Properties**.
 - 4** Click **Configure...** under **Connect using**.
 - 5** Click the **Power management** tab.

1 Installing the Agilent 7500 Series MassHunter Workstation Software

- 6 Uncheck the *Allow this computer to turn off the device to save power* checkbox and click **OK**.

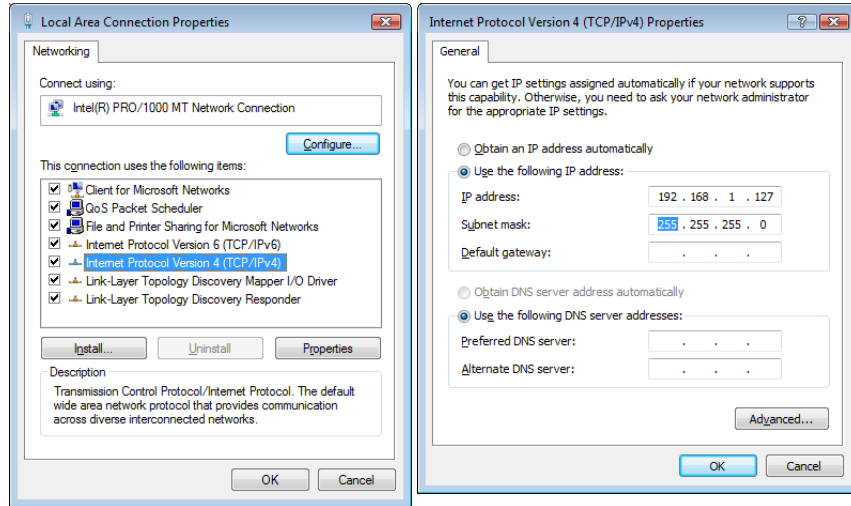


- 7 In the Local Area Connection Properties screen, select **Internet Protocol (TCP/IP)**, select **Properties**.

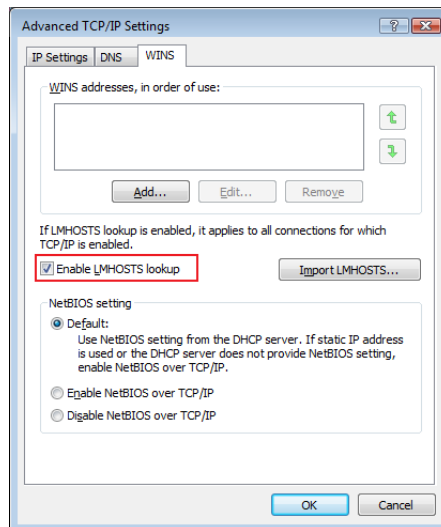
8 Input the following information for a simple direct connection.

IP address : 192.168.1.127

Subnet mask : 255.255.255.0



9 Click **Advanced** button, select **WINS** tab, then check the **Enable LMHOSTS lookup** box.



10 Click **OK**.

NOTE

If you connect the instrument to the local network, you will need to talk with the network administrator. You may want to call your local Agilent Call Center for additional assistance. Please refer also to Appendix E “Use of a Switching Hub” in the Agilent 7500 Series ICP-MS MassHunter Workstation Operator’s Manual.

To connect to site LAN, you are expected to understand the Windows XP operating system and TCP/IP networking, such as host name, IP address, subnet mask settings. You should also be familiar with the particular hardware devices and configurations of your organization's local area network.

Agilent Technologies is not responsible for any software problems, LAN configuration conflicts or performance problems that may result when a system is connected to a non-isolated LAN.

Creating User Account

CAUTION

The local user account in this section is a typical example. The information contained in this section is subject to change without notice.

Create User Account as follows:

User Name	Description	Password	Group
Support	Product Support	HPCE	Administrators
Chemist	ICP-MS Chemist	hp	Power Users
User	ICP-MS User		Users
Administrator	(keep the displayed description.)	3000hanover	Administrators

To create or modify the user account, complete the following steps:

- 1 Logon as **Support**.
- 2 Select **Administrative Tools>>Computer Management** in the Control Panel.
- 3 Select **Local Users and Groups>>Users** in the left area of the Computer Management.
- 4 Right-click the user name, then select **Set Password** and set the password for each user name.

NOTE

To create a new user account, select **Action>>New User** menu in the Computer Management.

- 5 Right-click the user name, then select *Set Properties*.
- 6 Enter the Description and set the password properties.
- 7 Select the *Member Of* tab, then click the *Add* button.
- 8 Click the *Advanced* button in Select Groups.
- 9 Click the *Find Now* button, then select the group name and click *OK*.
- 10 Close *Computer Management* after setting the users.

NOTE

When creating a new user, set the same settings as sections 4 through section 7.

Windows XP Configuration

1 Start Windows XP.

The first time Windows XP is started, the setup wizard appears. Follow the instructions.

When you have completed the wizard steps, the computer will automatically restart.

2 Logon as Administrator.

User name: Administrator

Password: 3000hanover or blank
(Depending on the computer)

3 Setting display

Double-click **Display** in the Control Panel.

Select the **Theme** tab and confirm the following settings:

Theme	Windows XP
-------	------------

Select the **Screen Saver** tab and confirm the following settings:

Screen Saver	None
--------------	------

1 Installing the Agilent 7500 Series MassHunter Workstation Software

Select the **Power** button and confirm the following settings.

Turn off monitor	Never
Turn off hard disks	Never
System standby	Never

Select the **Settings** tab in Display Properties and confirm the following settings:

Screen resolution	1600x1200 or 1680x1050
Color quality	Medium (16 bit)

Select the **Advanced** button in the Setting tab, and confirm the following settings.

Screen refresh rate	75 Hertz
---------------------	----------

* If 75 Hertz does not work correctly, select OS default setting.

4 Setting taskbar

Double-click **Taskbar and Start Menu** in the Control Panel.

Select the **Start Menu** tab, and select the **Start Menu**.

Click **OK**.



5 Folder Options

Right-click **Start** and open **Explore**.

Select **Tools>>Folder Options**.

Select the **View** tab and confirm the following settings:

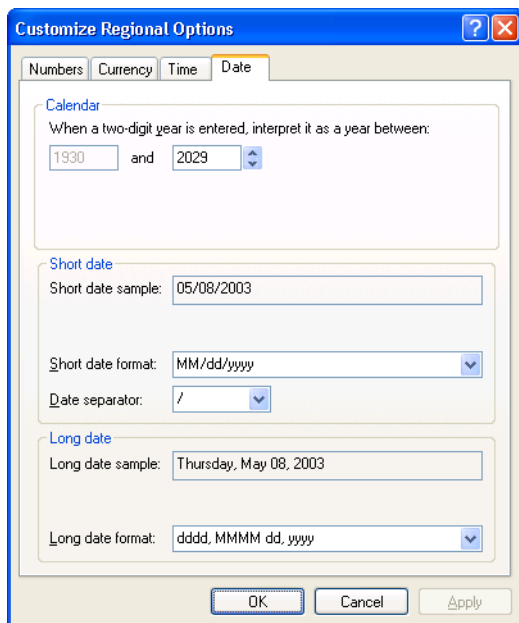
- Select ☐ Do not show hidden files and folders
- Set ON ☒ Hide file extensions for known file types
- Set ON ☒ Hide protected operating system files
- Set OFF ☒ Use simple file sharing

6 Format Day/Time

Double click the **Regional and Language Options** icon in the Control Panel.

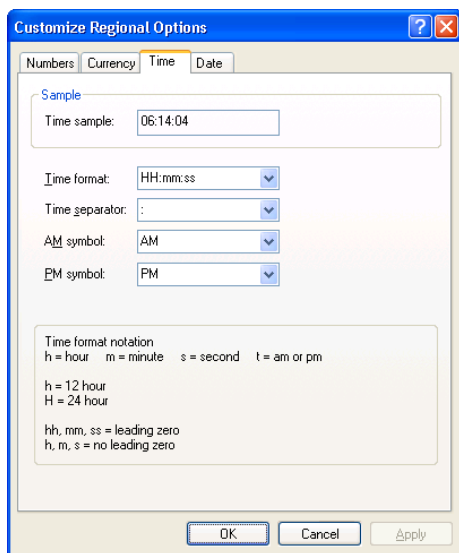
Click the **Customize** button in the Regional and Language Options.

Select the **Date** tab and select **MM/dd/yyyy** in the Short Date Style box.

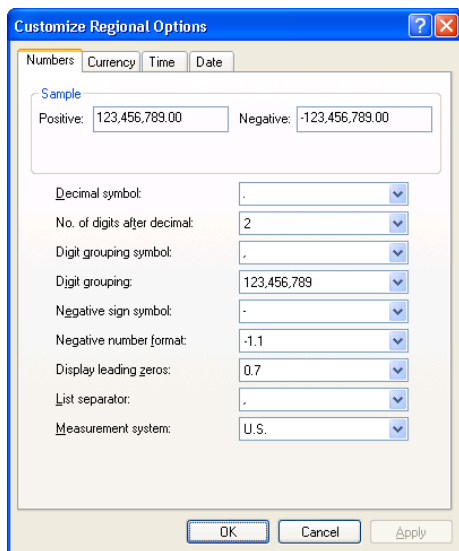


1 Installing the Agilent 7500 Series MassHunter Workstation Software

Select the **Time** tab and select **HH:mm:ss**.



Click on the **Number** tab and Select **“.” (Dot)** in the Decimal Symbol box.

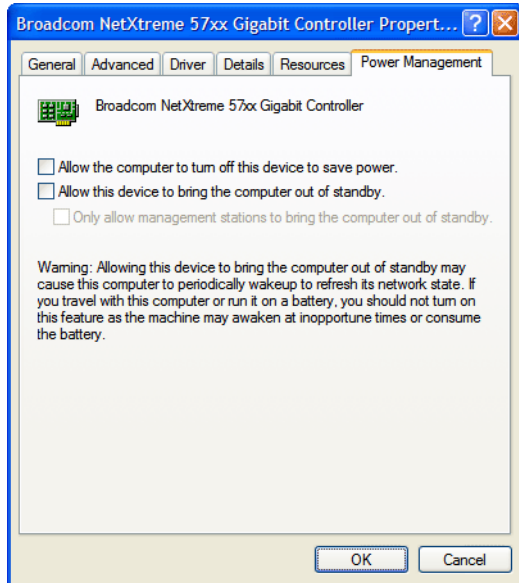


Click **OK**.

7 Logon to Support, Chemist, and User. And set the same setting of step 4 through step 7.

8 Internet Protocol (TCP/IP) Properties

- 1** Logon as Administrator.
- 2** Double click *Network Connections* icon in the Control Panel.
- 3** Right click *Local Area Connection*, select *Properties*.
- 4** Click *Configure...* under *Connect using*.
- 5** Click the *Power management* tab.
- 6** Uncheck the *Allow this computer to turn off the device to save power* checkbox and click *OK*.



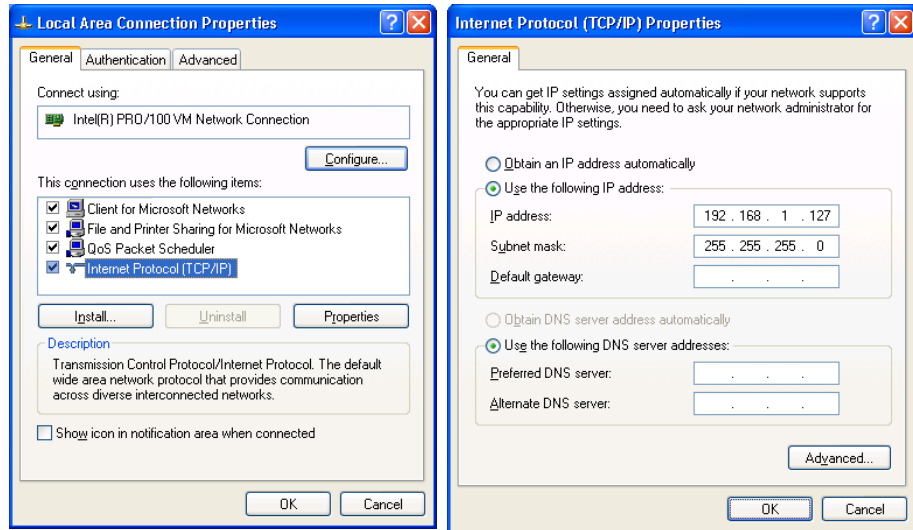
7 In the Local Area Connection Properties screen, select *Internet Protocol (TCP/IP)*, select *Properties*.

8 Input the following information for a simple direct connection.

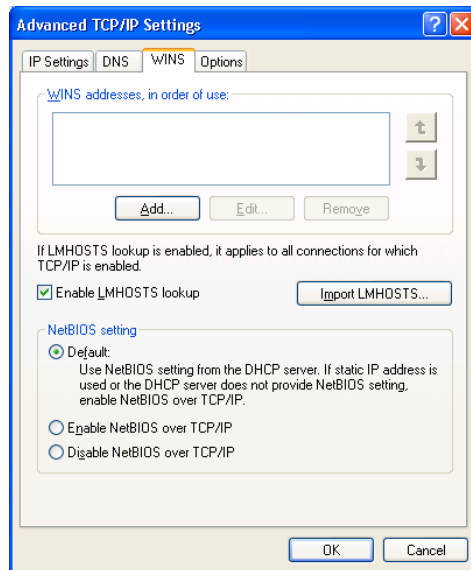
IP address : 192.168.1.127

Subnet mask : 255.255.255.0

1 Installing the Agilent 7500 Series MassHunter Workstation Software



9 Click **Advanced** button, select **WINS** tab, then check the **Enable LMHOSTS lookup** box.



10 Click **OK**.

NOTE

If you connect the instrument to the local network, you will need to talk with the network administrator. You may want to call your local Agilent Call Center for additional assistance. Please refer also to Appendix E “Use of a Switching Hub” in the Agilent 7500 Series ICP-MS MassHunter Workstation Operator’s Manual.

To connect to site LAN, you are expected to understand the Windows XP operating system and TCP/IP networking, such as host name, IP address, subnet mask settings. You should also be familiar with the particular hardware devices and configurations of your organization's local area network.

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Creating User Account

CAUTION

The local user account in this section is a typical example. The information contained in this section is subject to change without notice.

Create User Account as follows:

User Name	Description	Password	Password property	Group
Support	Product Support	HPCE	Select Password never expires check box only. Do not select other check boxes.	Administrators
Chemist	ICP-MS Chemist	hp	Select Password never expires check box only. Do not select other check boxes.	Power Users
User	ICP-MS User		Select Password never expires check box only. Do not select other check boxes.	Users
Administrator	(keep the displayed description.)	3000hanover	Select Password never expires check box only. Do not select other check boxes.	Administrators

To create or modify the user account, complete the following steps:

- 1 Logon as Administrator.**
- 2 Select *Administrative Tools*>>*Computer Management* in the Control Panel.**
- 3 Select *Local Users and Groups*>>*Users* in the left area of the Computer Management.**

1 Installing the Agilent 7500 Series MassHunter Workstation Software

- 4 Right-click the user name, then select *Set Password* and set the password for each user name.

NOTE

To create a new user account, select **Action>>New User** menu in the Computer Management.

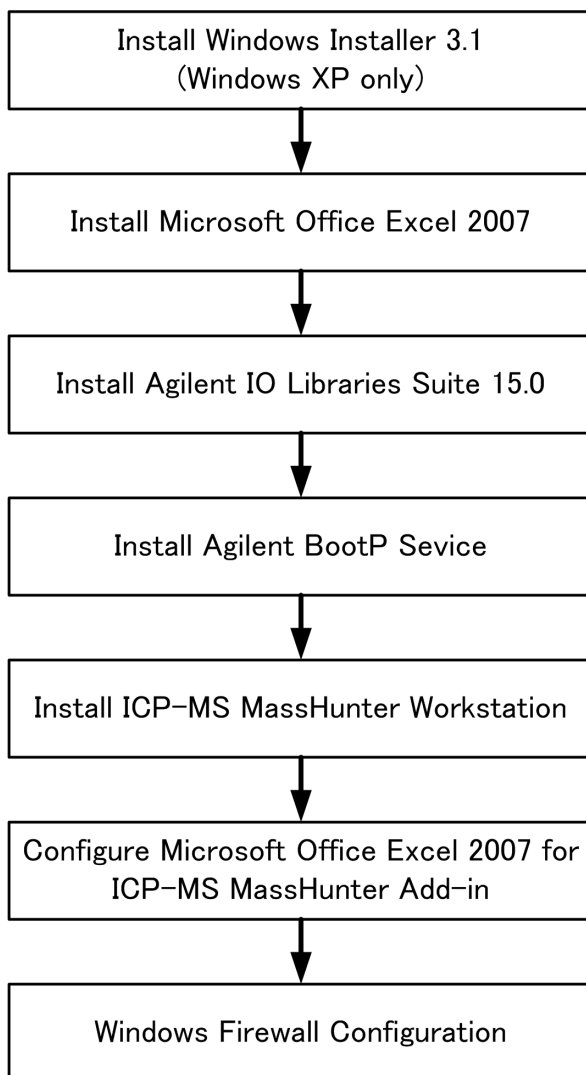
- 5 Right-click the user name, then select *Set Properties*.
- 6 Enter the Description and set the password properties.
- 7 Select the *Member Of* tab, then click the *Add* button.
- 8 Click the *Advanced* button in Select Groups.
- 9 Click the *Find Now* button, then select the group name and click *OK*.
- 10 Close *Computer Management* after setting the users.

NOTE

When creating a new user, set the same settings as sections 4 through section 7.

Flow of MassHunter Workstation Software Installation

The flow of MassHunter Workstation Software Installation is as follows

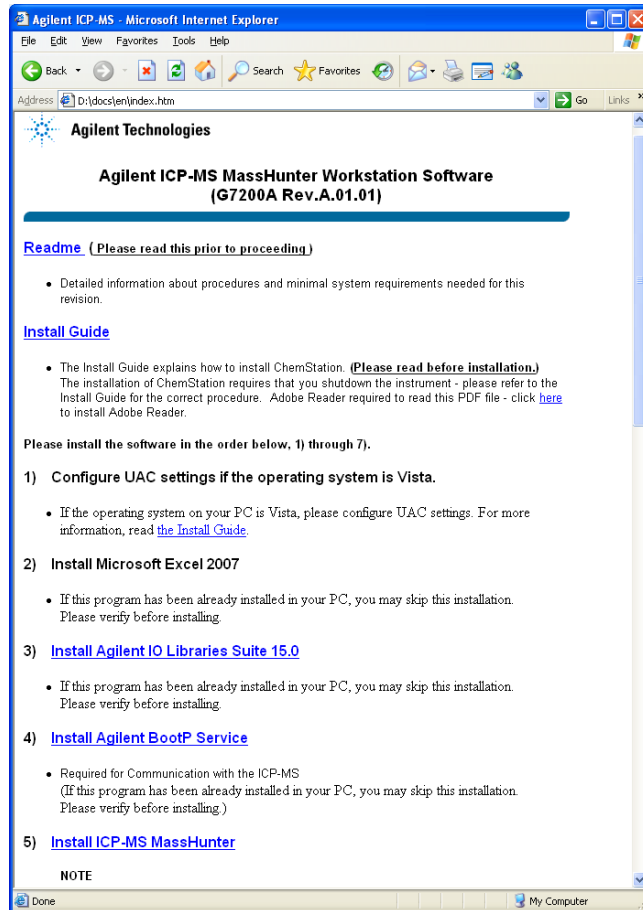


Installing Windows Installer 3.1(Windows XP only)

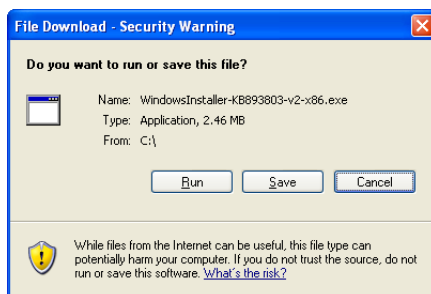
If the operating system on your PC is Windows XP, please install Windows Installer 3.1.

1 Insert Agilent ICP-MS MassHunter Workstation System Disk into Optical Drive.

Internet Explorer automatically appears. Click ***Install Windows Installer 3.1.***

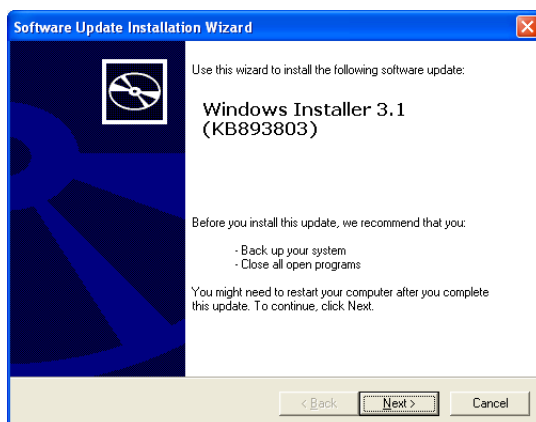


2 Click *Run*.



3 Click *Next*.

Windows Installer 3.1 is now installed.



Installing Microsoft Office Excel 2007

For details on installing Microsoft Office Excel 2007, refer to the Excel instruction manual.

NOTE

Microsoft Office Excel 2007 may be installed after installing MassHunterWorkstation without any problems.

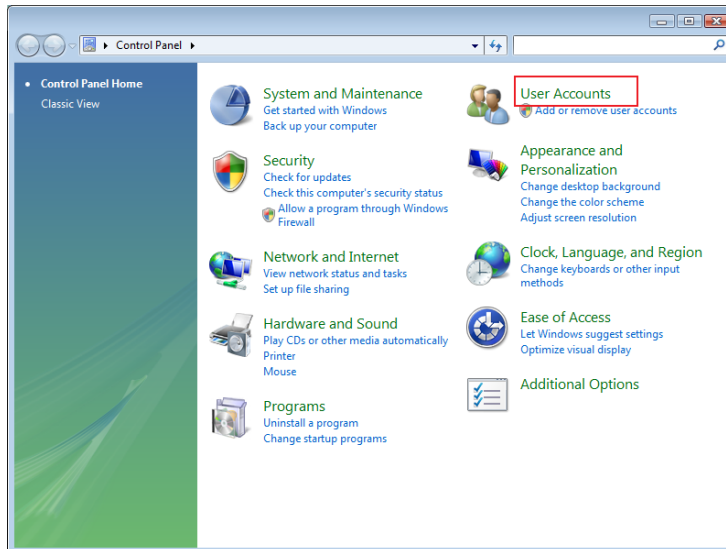
Do not change the standard destination folder when installing Microsoft Office Excel 2007.

When installing Microsoft Office Excel 2007 on a computer running Windows Vista, first disable the UAC (User Account Control) function.

Disabling UAC (Windows Vista)

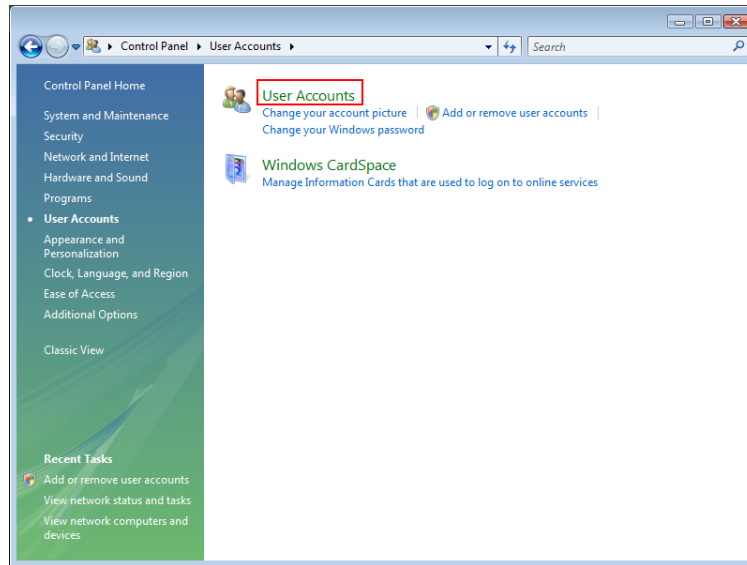
To disable the UAC function in Windows Vista, complete the following steps:

- 1 Logon to Windows as a user with Administrator privileges.
- 2 Open the Control Panel from the Windows Start button and click *User Accounts*.



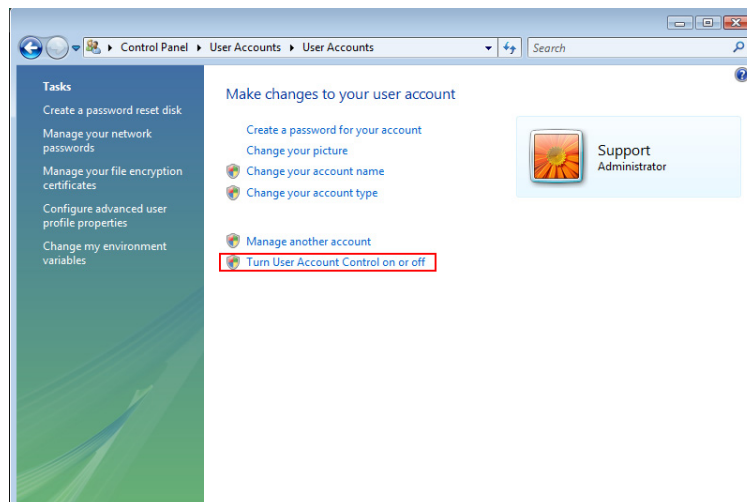
The *User Accounts* dialog box appears.

3 Click *User Accounts*.



The *User Accounts* dialog box appears.

4 Click *Turn User Account Control on or off*.



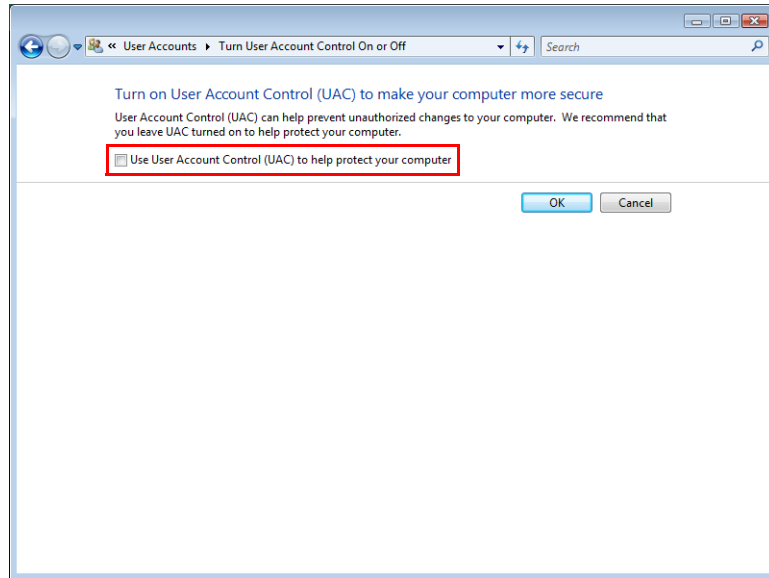
The *User Account Control* dialog box appears.

1 Installing the Agilent 7500 Series MassHunter Workstation Software

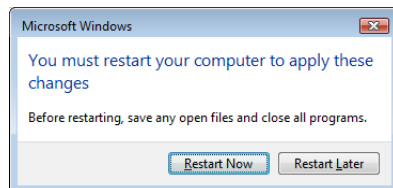
5 Click **OK**.

The *Turn User Account Control On or OFF* dialog box appears.

6 Uncheck the *Use User Account Control (UAC) to help protect your computer* checkbox and click **OK**.



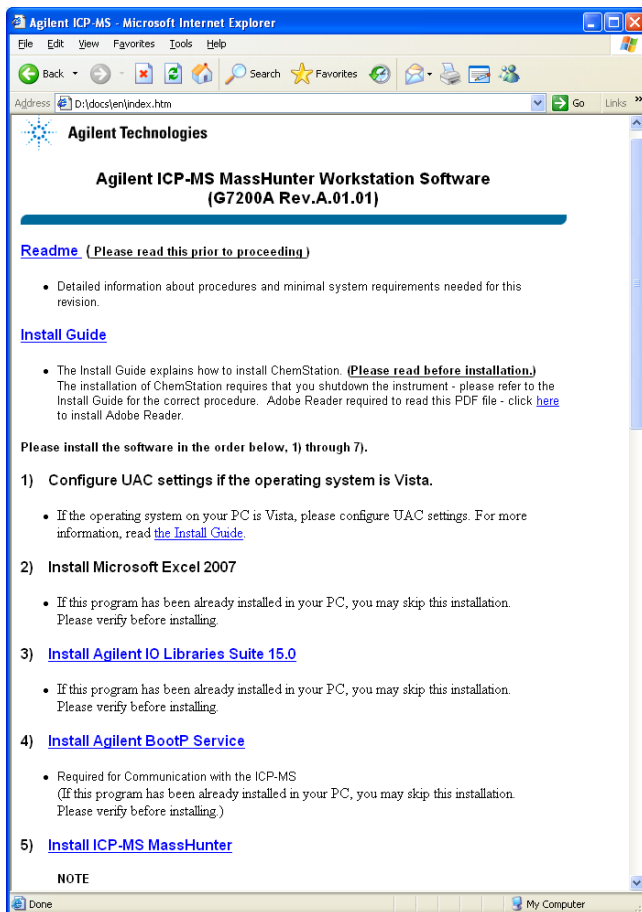
7 Click **Restart Now** and reboot the computer.



Agilent IO Library Suite 15.0 Setup

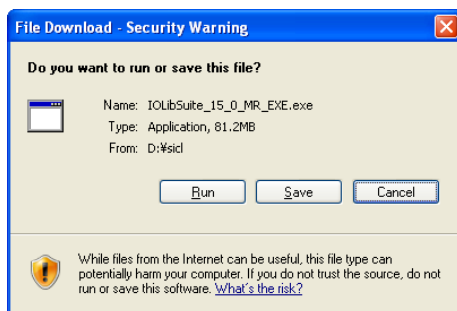
1 Insert Agilent ICP-MS MassHunter Workstation System Disk into Optical Drive.

Internet Explorer automatically appears. Click ***Install Agilent IO Libraries Suite 15.0.***

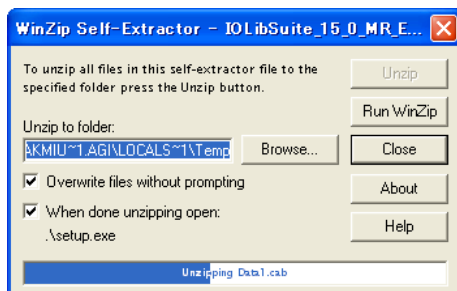


1 Installing the Agilent 7500 Series MassHunter Workstation Software

2 Click *Run*.



3 *WinZip Self-Extractor* is displayed. The file is set up automatically.



NOTE

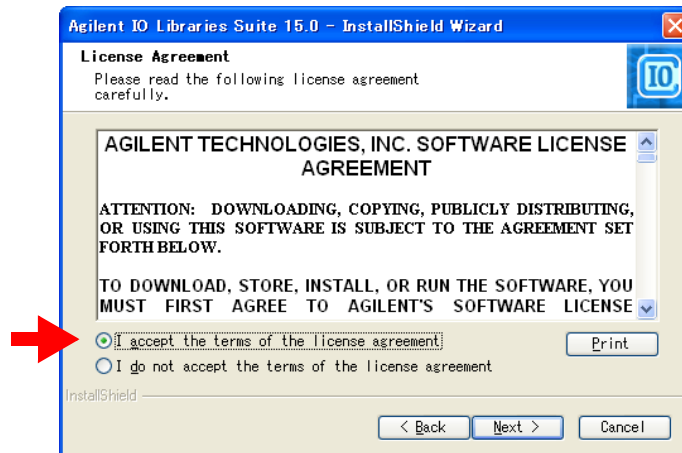
The installer will launch at this point if the Microsoft Visual C++ 2005 Redistributable is not installed on your PC. Install by following the guidance.

The installer will launch at this point if Microsoft .Net Framework 2.0 is not installed on your PC. Install by following the guidance.

4 *InstallShield Wizard* automatically appears. Click *Next*.

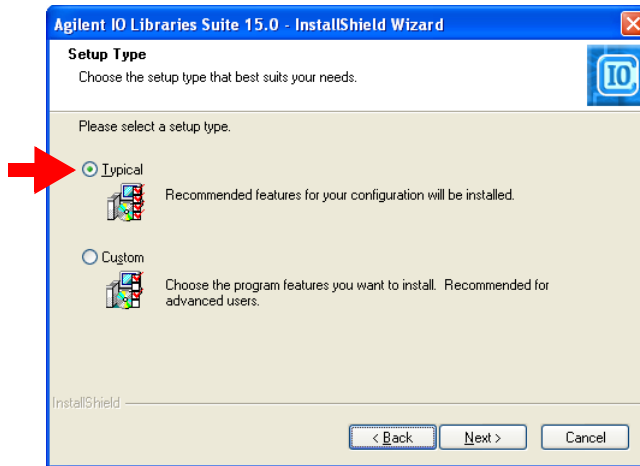


5 Select *I accept....* Then click *Next*.

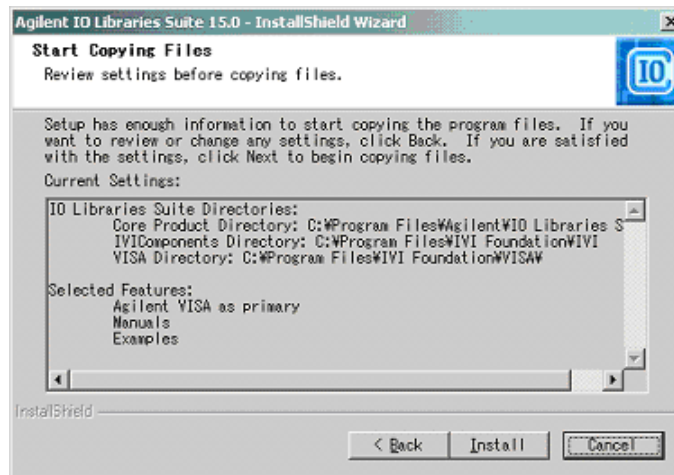


1 Installing the Agilent 7500 Series MassHunter Workstation Software

6 Select *Typical*. Then click *Next*.



7 Click *Install*.



8 Installation status is shown. Wait until the installation has completed.

- 9 *Agilent IO Libraries Suite 15.0* dialog box is displayed after installation. Click *Finish*.



- 10 Agilent IO control icon is added in task tray.



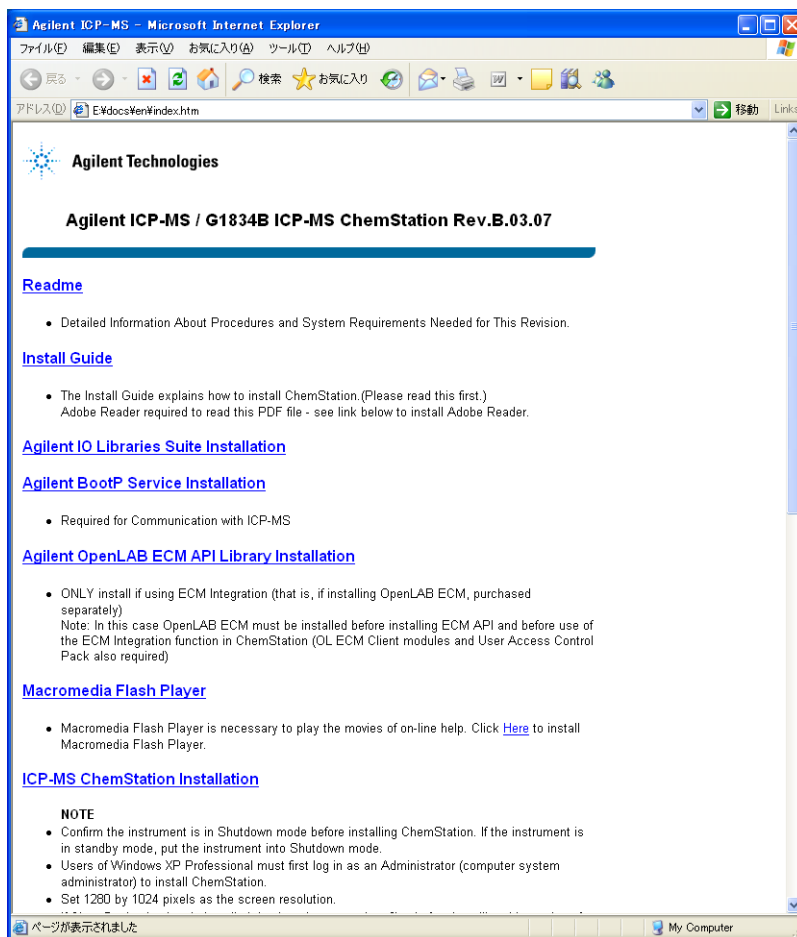
- 11 Agilent IO Libraries setting is completed.

NOTE

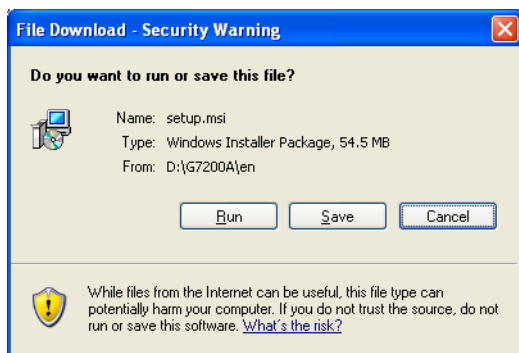
If a dialog box which notifies that “A file is unable to install since Internet Explorer is running” is displayed, shut down Internet Explorer once, and then click the **Retry** button on the dialog box. After IO Libraries installation has completed, double-click the Optical Drive on My Computer, and then double-click the index.html file to restart Internet Explorer and continue the installation.

Agilent BootP Service Setup

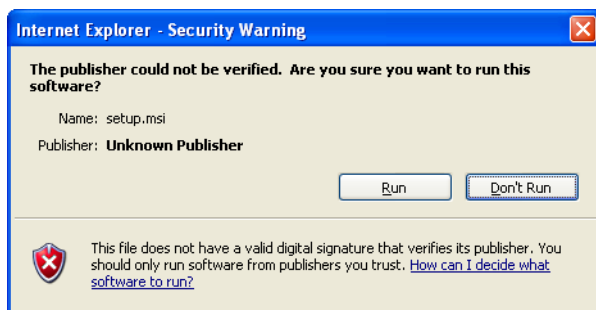
1 Click *Install Agilent BootP Service*.



2 Click *Run*.

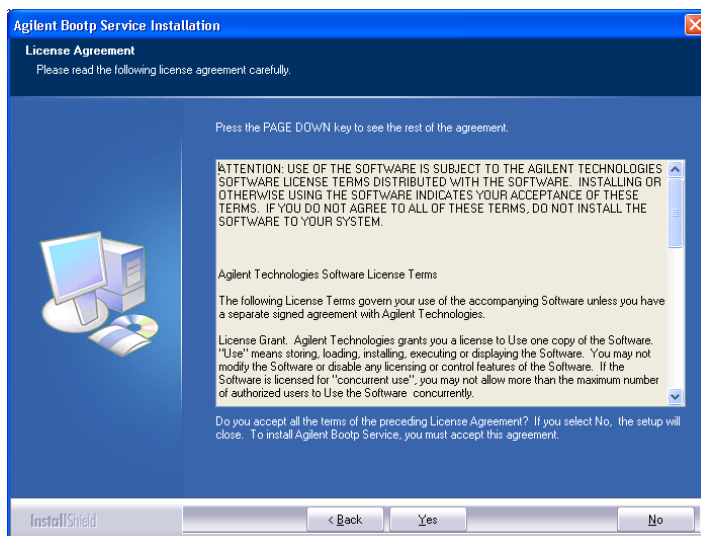
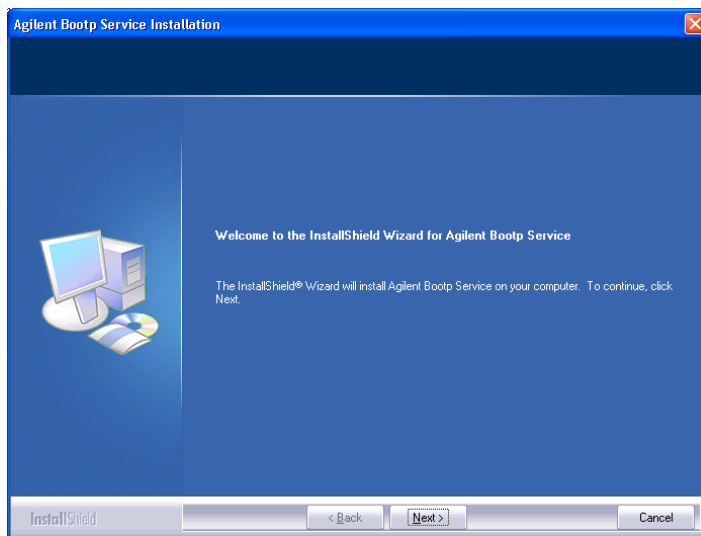


When Windows Firewall is enabled, ***Security Warning*** dialog box appears. Click ***Run***, and follow the instruction to proceed.



1 Installing the Agilent 7500 Series MassHunter Workstation Software

3 Installation Wizard will appears. Click *Next* or *Yes*.



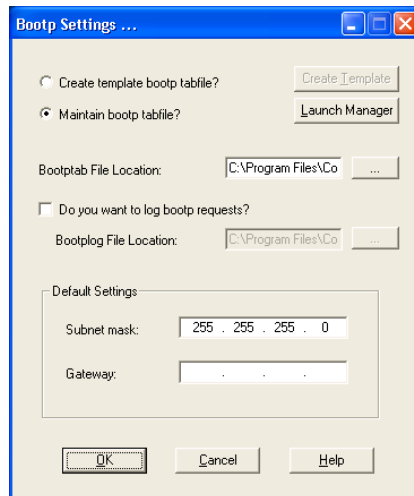
Installation status is shown. Wait until installation has completed.

4 The Bootp Settings dialog box appears.

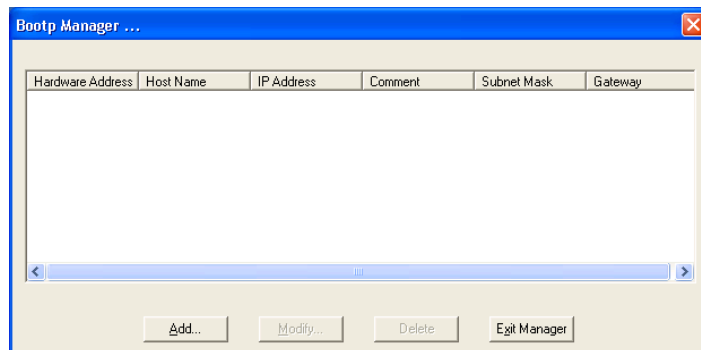
- 5 Select *Maintain bootp tabfile?*, enter the value of the Subnet mask, then click *Launch Manager*.**

Subnet mask: 255.255.255.0

Keep the displayed location of the Bootptab File Location.



The BootP Manager appears.



- 6 Click *Add* button.**

1 Installing the Agilent 7500 Series MassHunter Workstation Software

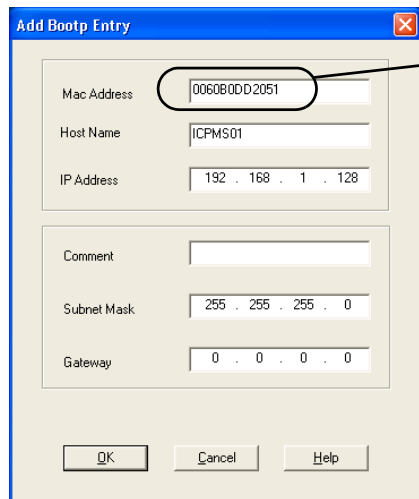
7 Enter the parameters.

MAC Address: Enter the MAC Address of the Agilent 7500. Refer to the next step to find the MAC Address.

Host Name: any name

IP Address: 192.168.1.128 (default)

Subnet Mask: 255.255.255.0 (default)



The value specific to your ICP-MS.

NOTE

After installing the MassHunter Workstation software, you must set the same IP address in the ICP-MS Configuration Window as set in the Bootp configuration window.

NOTE

The Host Name must be entered.

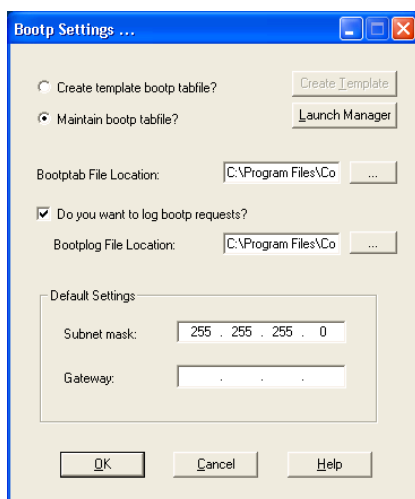
Host name is restricted to the following characters only:

alphabet (A-Z), digits (0-9), and hyphen (-).

No distinction is made between upper and lower case. The first character must be an alpha character. The last character must not be a hyphen.

8 If a paper notification of the MAC Address is not attached, complete the following steps to get the MAC Address.

- 1** Select *Maintain bootp tabfile?*
- 2** Select *Do you want to log bootp requests?*. Keep the displayed location of the **Bootplog File Location**.
- 3** Enter the *Subnet mask* (255.255.255.0).



- 4** Click **OK**.
- 5** Reboot the computer.

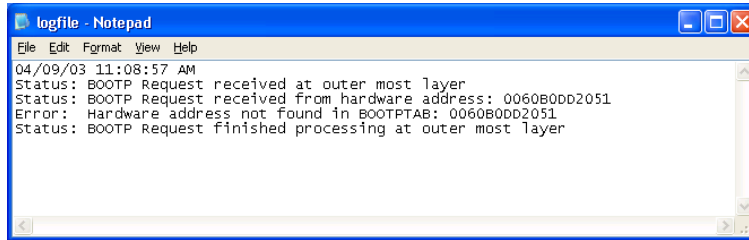
NOTE

If the PC and the ICP-MS are connected to site LAN, disconnect the cable from site LAN. This will avoid having an incorrect MAC Address from other hardware.

- 6** Logon the computer as *Support*.
- 7** Turn off the power of the Agilent 7500, then turn on the power.
- 8** Right-click **Start** button, then select *Explore*.

1 Installing the Agilent 7500 Series MassHunter Workstation Software

- 9 Select *C:\ProgramFiles\CommonFiles\AgilentShared\BootP\bin\logfile*. Right-click **logfile**, select **Open**. Select Notepad in **Open With** screen, then click **OK**. MAC Address is shown after “Hardware Address” in the Notepad. MAC Address of the Agilent 7500 starts with “0060B0.... or 0030D0....”.



- 10 Select **Start>>All Programs>>Agilent BootP Service>>Edit BootP Settings**, then click **Launch Manager** button. Click **Add** in the Bootp Manager. Copy and paste the MAC Address from the logfile. Enter the Host Name, the IP Address, and the Subnet mask. Refer to the earlier steps.
- 11 After setting, return to the **Bootp Settings**. Remove check at **Do you want to log bootp requests?**.
- 9 Close the **Bootp Settings**.
- 10 Reboot the computer.

NOTE

Reboot the computer after changing the Bootp Settings.

NOTE

If you connect the instrument to the local network, you will need to talk with the network administrator. You may want to call your local Agilent Call Center for additional assistance. Please refer also to Appendix E “Use of a Switching Hub” in the Agilent 7500 Series ICP-MS MassHunter Workstation Operator’s Manual.

To connect to site LAN, you are expected to understand the Windows XP operating system and TCP/IP networking, such as host name, IP address, subnet mask settings. You should also be familiar with the particular hardware devices and configurations of your organization's local area network.

Agilent Technologies is not responsible for any software problems, LAN configuration conflicts or performance problems that may result when a system is connected to a non-isolated LAN.

Printer Setup

For printer installation instructions, refer to the manual supplied with the printer.

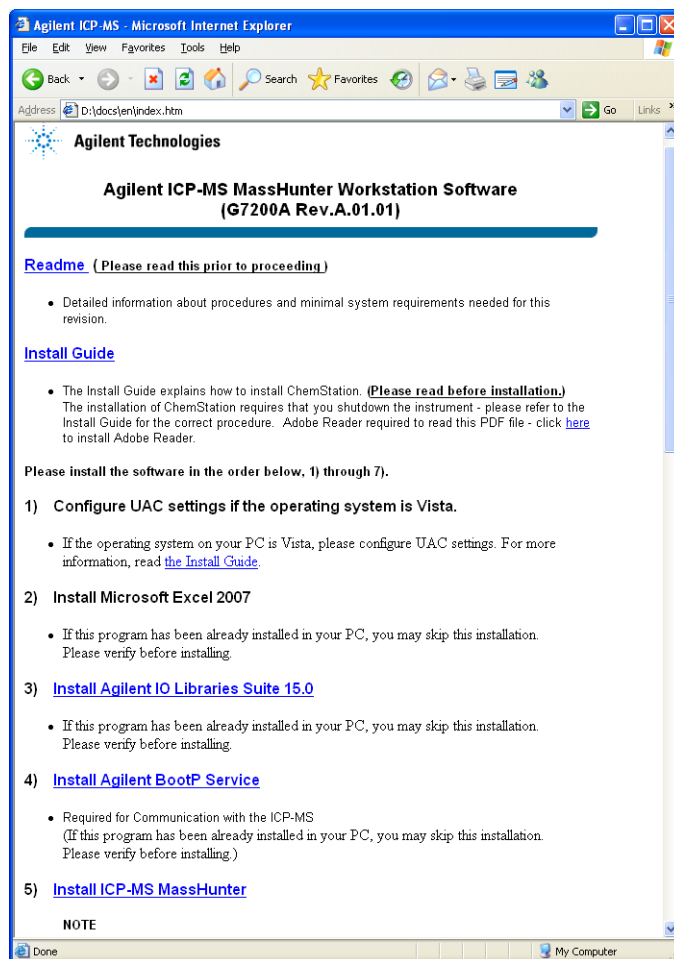
When the installation is completed, make sure the installed printer is set as the default printer.

Installing the FlashPlayer

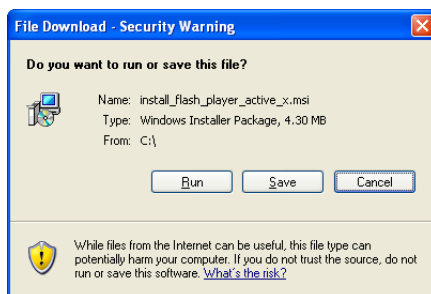
Macromedia Flash Player is necessary to play the movies in the on-line help.

1 Insert Agilent ICP-MS MassHunter Workstation System Disk into Optical Drive.

Internet Explorer automatically appears. Click *Adobe Flash Player*.



2 Click *Run*.



3 Click *Install*.

FlashPlayer is now installed.



Installing the Agilent 7500 Series MassHunter Workstation Software

NOTE

Before installing the ICP-MS MassHunter Workstation software, the following must be installed.

- Operating System (OS)
- Agilent IO Libraries Suite 15.0
- Agilent BootP Service
- Internet Explorer 6 Service Pack 1 or later

NOTE

To use the LC/GC ChemStation, install the LC/GC ChemStation before installing the ICP-MS MassHunter Workstation.

NOTE

200 MB or more (hard disk space) is required to install the MassHunter Workstation software.

NOTE

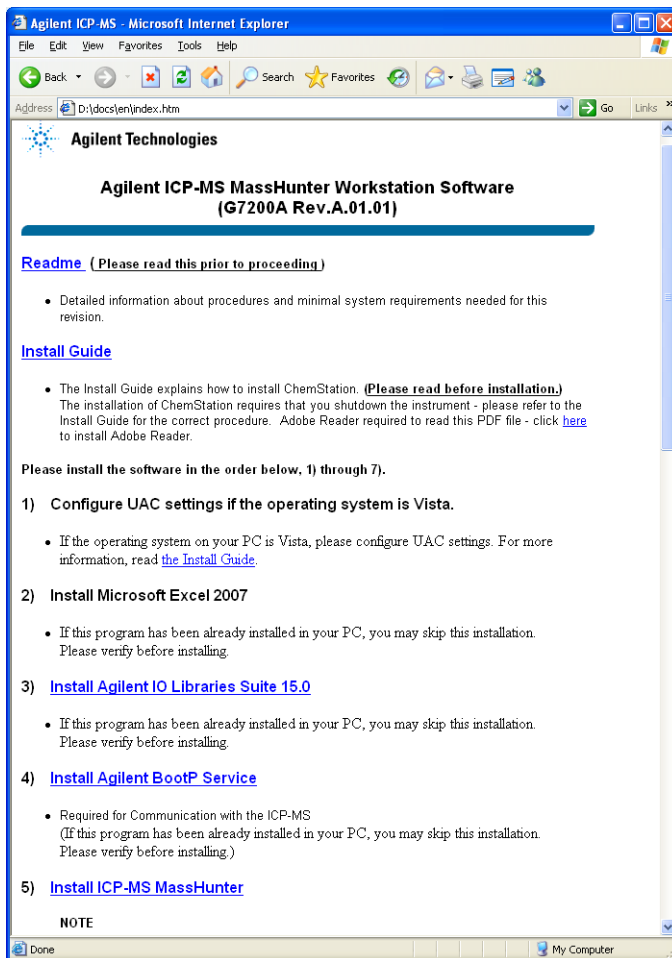
Confirm the instrument is in shutdown mode before installing MassHunter Workstation. If the instrument is in standby mode, put the instrument into shutdown mode by pressing the shutdown switch on the underside of the right instrument cover. The instrument then transfers to shutdown mode (it takes approximately 5 minutes). When the instrument is in shutdown mode, the LED status indicator on the cover turns off.

If you are upgrading the MassHunter Workstation software from a previous version or reinstalling the software put the instrument into shutdown mode, via MassHunter Workstation, before uninstalling MassHunter Workstation Software.

It is necessary to turn the instrument power on to download the firmware after installing the MassHunter Workstation Software.

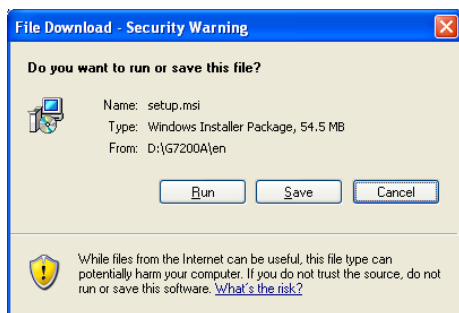
1 Insert the ICP-MS MassHunter Workstation System Disk into the Optical Drive.

Internet Explorer automatically appears. Click ***ICP-MS MassHunter Workstation Installation***.

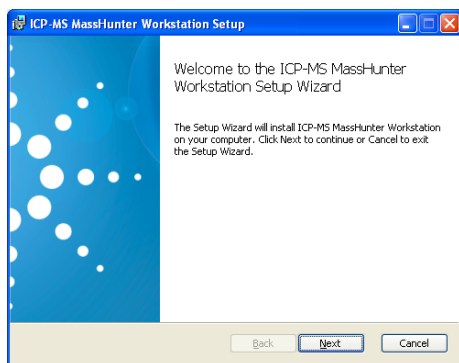


1 Installing the Agilent 7500 Series MassHunter Workstation Software

2 Click *Run*.



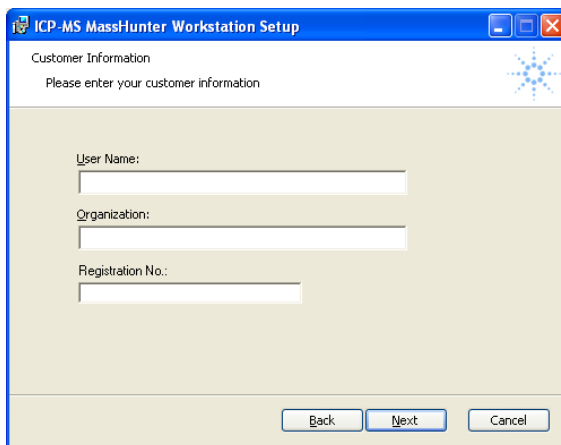
3 Click *Next*



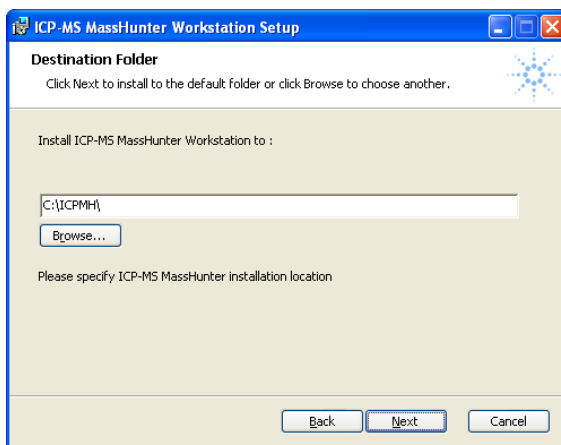
4 Registration dialog box appears.

Enter the User Name and the Organization.

Input *Registration No.* that is in the registration pack, then click **Next**.

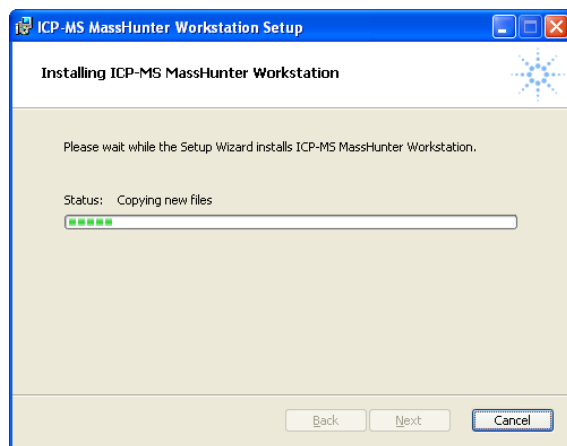


The dialog box titled "ICP-MS MassHunter Workstation Setup" has a blue header bar. Below the header, the text "Customer Information" is displayed, followed by the instruction "Please enter your customer information". There are three text input fields: "User Name:", "Organization:", and "Registration No.:". At the bottom right, there are three buttons: "Back", "Next", and "Cancel". A blue snowflake icon is in the top right corner.

5 Select the destination folder, then click Next.

The dialog box titled "ICP-MS MassHunter Workstation Setup" has a blue header bar. Below the header, the text "Destination Folder" is displayed, followed by the instruction "Click Next to install to the default folder or click Browse to choose another.". Below this, it says "Install ICP-MS MassHunter Workstation to :". There is a text input field containing "C:\ICPMH\" and a "Browse..." button below it. At the bottom, it says "Please specify ICP-MS MassHunter installation location". At the bottom right, there are three buttons: "Back", "Next", and "Cancel". A blue snowflake icon is in the top right corner.

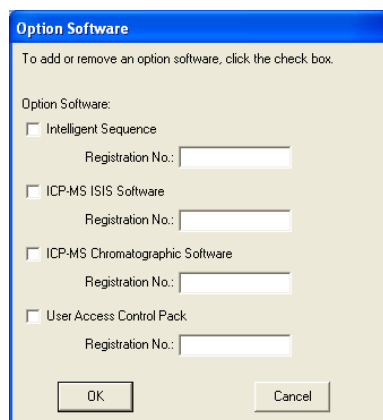
6 *Start Copying Files* dialog box appears.



Click **Install**.

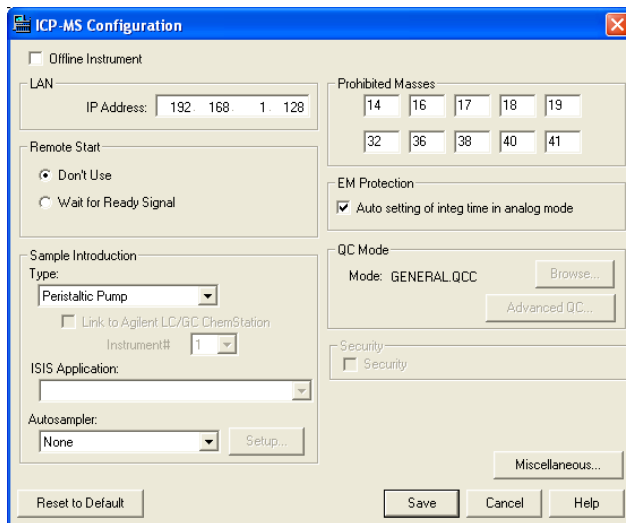
7 Follow the displayed message, install the MassHunter Workstation software and Help files.

After installation, the *Option Software* dialog box appears.



Select the optional software which is to be added and enter the registration numbers (they are in the registration pack when purchased).

8 Click *OK*, then *ICP-MS Configuration dialog box* appears.



9 Set the IP address for LAN connection.

ICP-MS and MassHunter Workstation are connected via LAN cable.

- The IP address must be the same as that set in the BootP configuration window.

If Offline Instrument is selected you cannot set the LAN address.

10 Click *Save*.

11 Insert Parameter Disk CD (or Floppy disk) into disk driver and click *OK*.

12 A message will be displayed to shutdown the ICP-MS and restart the PC. Click *OK*.

NOTE

If the instrument is not in shutdown mode, press the shutdown switch on the underside of the right instrument cover. The instrument transfers to shutdown mode (it takes approximately 5 minutes). When it is in shutdown mode, the LED status indicator on the cover turns off.

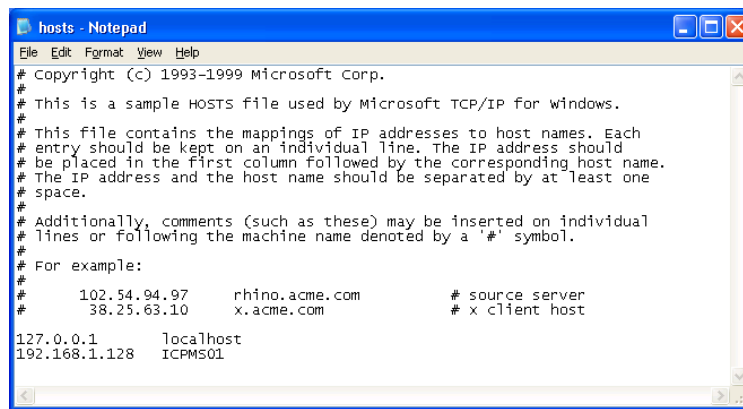
1 Installing the Agilent 7500 Series MassHunter Workstation Software

NOTE

When the PC will be rebooted, the dialog box which notifies “Internet Explorer is unable to shut down” is occasionally shown.

This time, please click **Shut Down** button on the dialog box immediately.

13 Reboot the computer. Select *Start>>All Programs>>ICP-MS MassHunter Workstation>>Edit hosts*. Enter the IP Address and the Host Name of Agilent 7500 which is setup in the BootP Service. Save the host file.



14 Reboot the computer.

15 Turn off the power of the Agilent 7500. Confirm the LAN cable connection between the Agilent 7500 and the computer. Then turn on the Agilent 7500.

CAUTION

After restarting the computer, turn off and then turn on the Agilent 7500.
For Windows Vista and Windows XP firewall setting is required.
For the setting, refer to the section “[Changing Windows Firewall Settings](#)”.

CAUTION

Do not close the ICP-MS MassHunter Workstation or start any other application during the firmware download.

16 Start the ICP-MS MassHunter Workstation and download the firmware.

Double click ICP-MS Top.

When the *ICP-MS Top* window appears, download of the firmware starts automatically (it takes approximately 10 minutes).

17 Go to standby mode.

Select *Vacuum>>Vacuum ON* from the *ICP-MS Instrument Control* window to go to standby mode.

CAUTION

Do not specify *.B, *.D, *.M, *.C, or long file names as MassHunter Workstation installation destinations. If these are specified, there is a possibility that the various methods, data, data batch, and calibration cannot be loaded.

Initialization of a Tune File to the Factory Default Condition

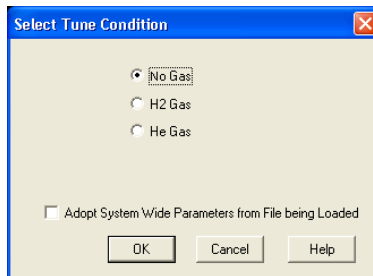
The following procedure allows initialization of a tune file to the factory default condition.

1 Select *Top window>>Instrument>>Tuning*.

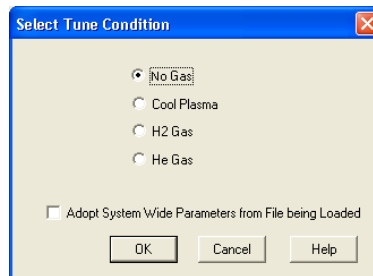
2 Select *File>>Load Factory Defaults*.

Click **OK** when dialog box will appear.

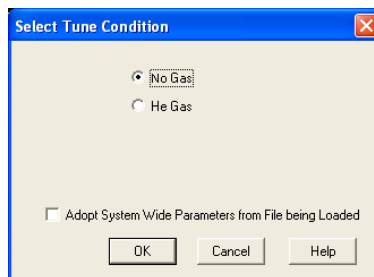
3 The *Select Tune Condition* dialog box will appear.



7500ce Display



7500cs Display



7500cx Display

4 Select the tune file to return to the factory default condition.

The tune files displayed will vary depending upon the model.

- 7500a: No tune file is displayed.
- 7500ce: No Gas, H₂ Gas, He Gas
- 7500cs: No Gas, Cool Plasma, H₂ Gas, He Gas
- 7500cx: No Gas, He Gas, H₂ Gas (if H₂ gas option is installed)

NOTE

Adopt System Wide Parameters from File being Loaded

Check the box “Adopt System Wide Parameters from File being Loaded” to use the system wide parameters contained in the file being loaded (the factory defaults) and apply them as new system wide parameters. The system wide parameters present in the file to be loaded (the factory defaults) will overwrite and replace the current “system wide parameter” settings.

5 Click *OK*.

The selected tune file will be initialized to the factory default condition.

NOTE

If the tuning file will differ from the Machine, dialog box indicates the difference.

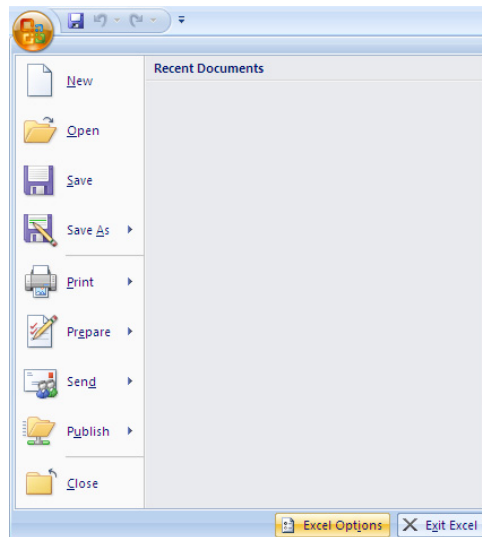
Configure Microsoft Office Excel 2007 for ICP-MS MassHunter Add-in

After the installation of ICP-MS MassHunter Workstation is completed, the MassHunter Reporting Add-In in Microsoft Office Excel 2007 must be set.

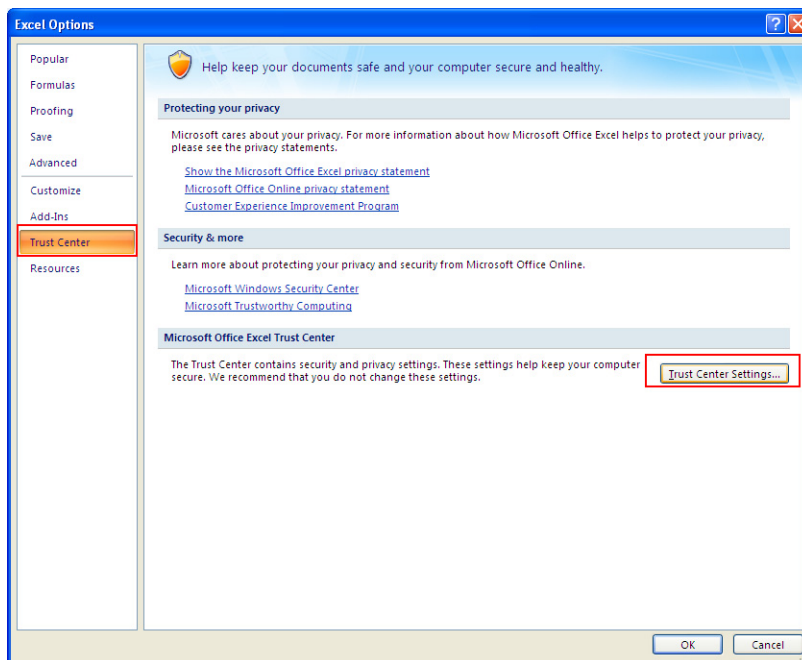
NOTE

When multiple users uses, settings are required for per user.

- 1 Start Microsoft Office Excel 2007.
- 2 Click the *Microsoft Office Button* and then click *Excel Options*.

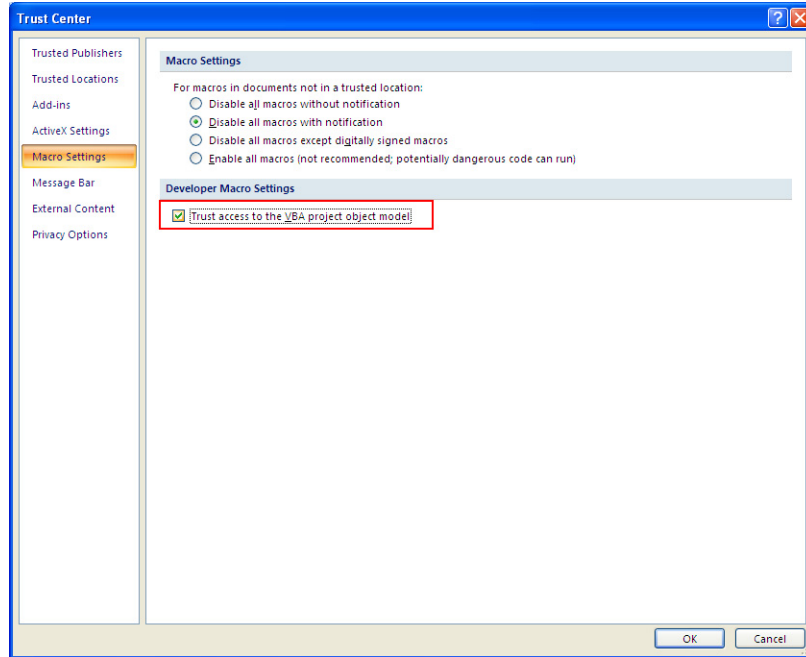


3 In the Excel Options dialog box, Click *Trust Center* task and click *Trust Center Setting*.



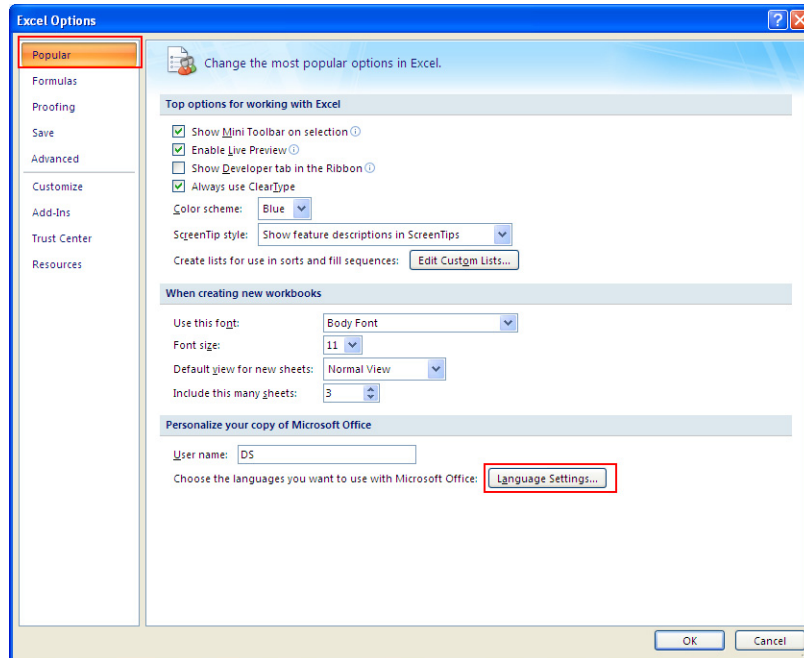
1 Installing the Agilent 7500 Series MassHunter Workstation Software

- 4 In the Trust Center dialog box, Click *Macro Settings* and Mark the *Trust access to the VBA project object model*.

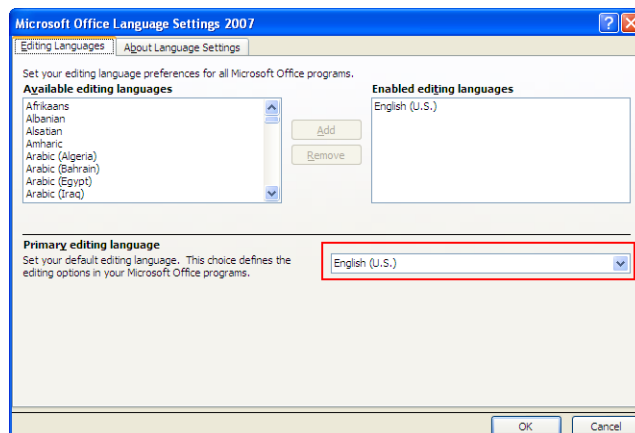


- 5 Click *OK*.

6 In the Excel Options dialog box, Click *Popular* and click the *Language Settings*.



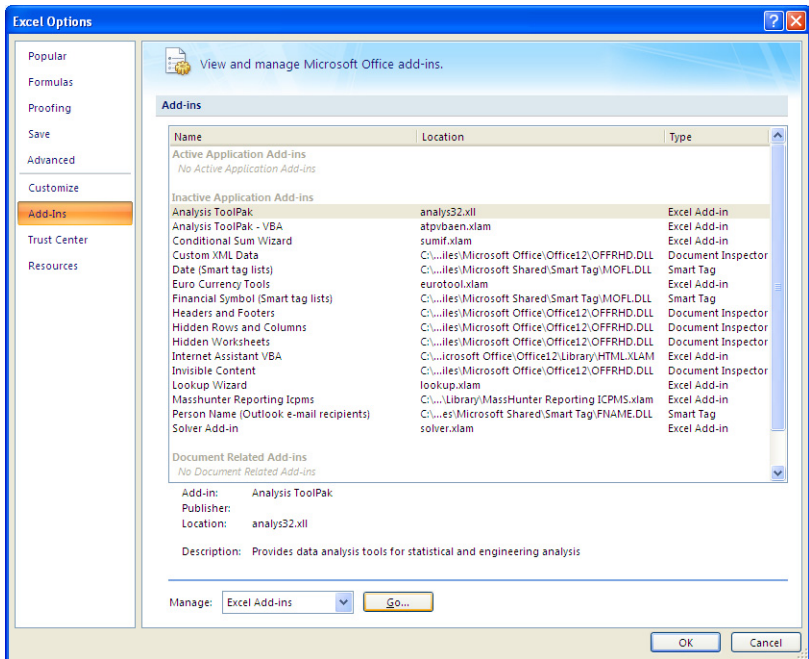
7 Please make sure the *Primary editing language* is English depending on your MassHunter Workstation UI language.



1 Installing the Agilent 7500 Series MassHunter Workstation Software

8 Click **OK**.

9 In the *Excel Options* dialog box, click **Add-Ins**.

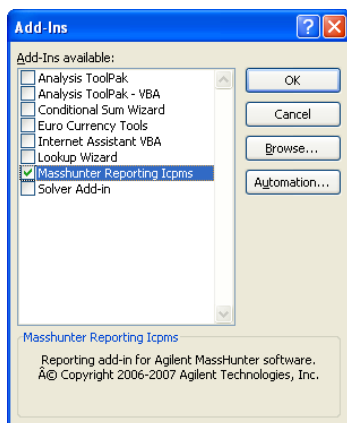


10 Select *Excel Add-ins* in the *Manage* list box.

11 Click **Go**.

The MassHunter Reporting Add-ins are listed in the Add-Ins available list.

12 Mark the *MassHunter Reporting ICPMS* check box.



13 Click *OK*.

14 Restart Microsoft Office Excel 2007.

Changing Windows Firewall Settings

Introduction

This section describes the changes in settings that need to be made to run the ICP-MS MassHunter Workstation on PCs Installing Windows Firewall.

Follow the description in this section to change your Windows Firewall settings and enable the ICP-MS program and Bootp Server/Client port communications.

Target Programs: icpacq.exe and icptune.exe

Target Ports: 67 TCP/UDP and 68 TCP/UDP

CAUTION

If the Agilent 7500 is connected to the ICP-MS MassHunter Workstation through the site LAN, any change in settings may affect the entire network. Consult with your network administrator before changing the settings.

CAUTION

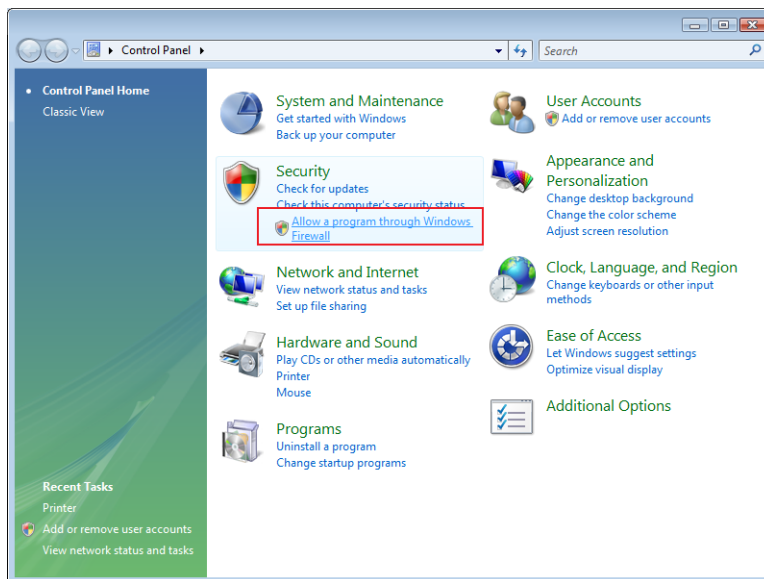
Change your Windows Firewall settings after installing the ICP-MS MassHunter Workstation (Install the ICP-MS MassHunter Workstation software if you have not yet done so).

For Windows Vista

As described in the following steps, enable communications for programs icpacq.exe and icptune.exe and ports 67 and 68. The detailed port settings to be made are as follows:

Name	Port No.	TCP/UDP
Bootp Client 68 TCP	68	TCP
Bootp Client 68 UDP	68	UDP
Bootp Server 67 TCP	67	TCP
Bootp Server 67 UDP	67	UDP

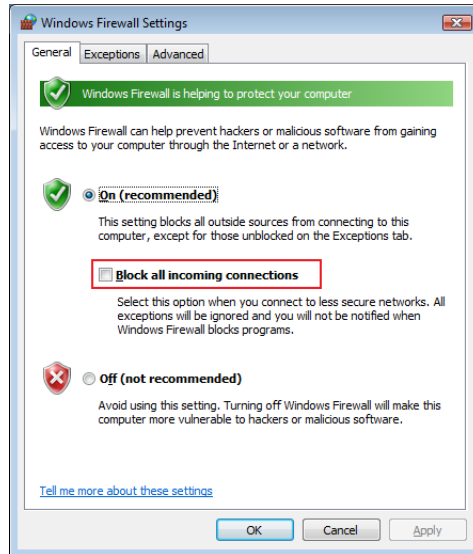
- 1 Logon to Windows as a user with Administrator privileges.
- 2 Open the Control Panel from the Windows *Start* button and select the *Allow a program through Windows Firewall* icon.



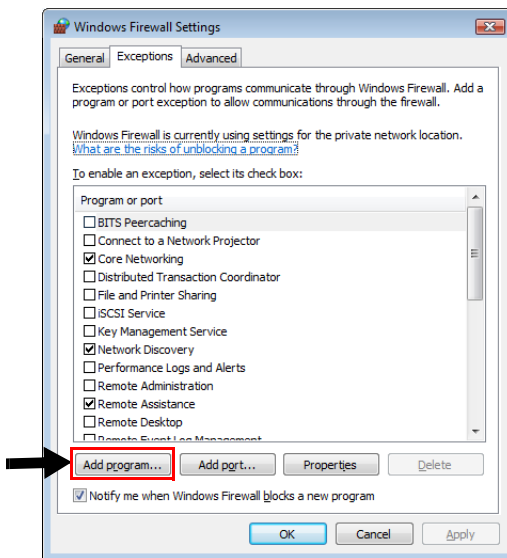
The *Windows Firewall Settings* dialog box appears.

1 Installing the Agilent 7500 Series MassHunter Workstation Software

- 3 Click the **General** tab, then select **On (recommended)** and uncheck the **Block all incoming connections** checkbox.

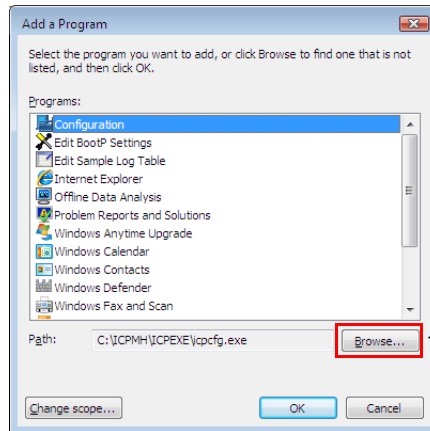


- 4 Click the **Exceptions** tab first, then the **Add Program....**



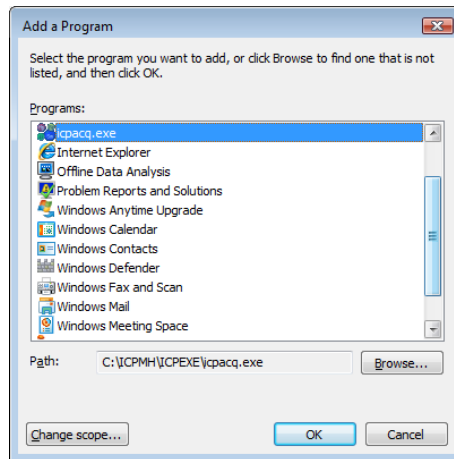
The **Add a Program** dialog box appears.

5 Click **Browse...**



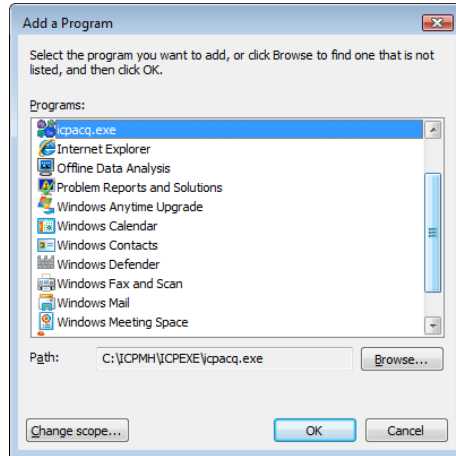
The **Browse** dialog box appears.

6 Click **Computer** from the list on the left hand side of the Browse dialog box. Select (C:) --> ICPMH --> ICPEXE --> icpacq.exe from the list on the right. Confirm selection of “icpacq.exe” as shown in the screen below, then click **Open**. If the MassHunter Workstation has been installed into a drive other than C:, specify the correct drive.



The **Add a Program** dialog box appears.

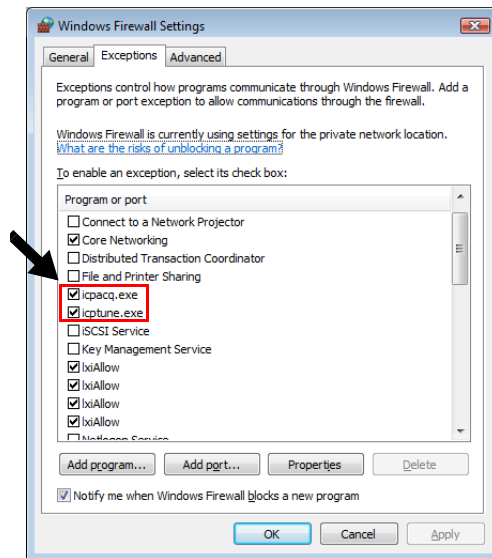
- 7 Confirm “icpacq.exe” is listed in the *Add a Program* dialog box, then select “icpacq.exe” and click *OK*.



The *Windows Firewall* dialog box appears.

- 8 Confirm “icpacq.exe” is added to *Program and Services* in the *Windows Firewall* dialog box.
- 9 Add “icptune.exe” in the same way as described in steps 4 to 8.
- 10 Confirm that “icpacq.exe” and “icptune.exe” have been added to the *Windows Firewall* dialog box.

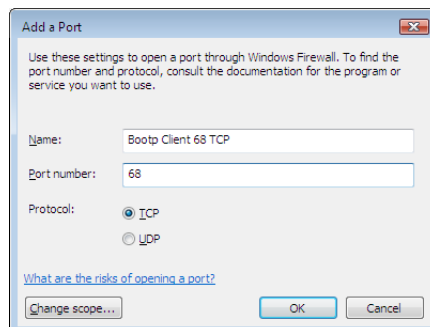
11 Click the *Add Port...*



The *Add a Port* dialog box appears.

12 Set the following items and click **OK**.

- Name: Type in “Bootp Client 68 TCP.”
- Port Number: Type in “68.”
- Click to select **TCP** or **UDP**. Here, select **TCP**.

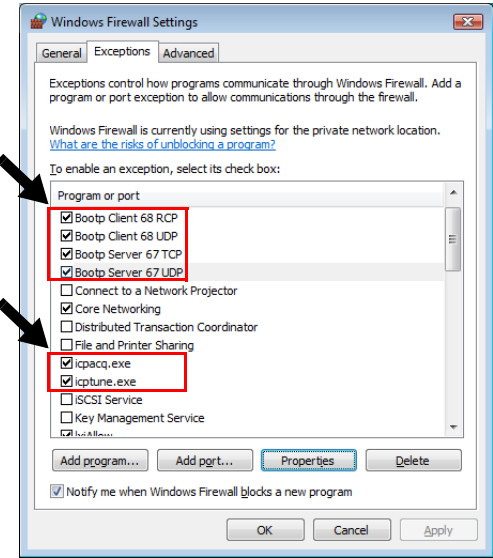


13 Follow Steps 11 and 12 to add three more ports.

Name	Port No.	TCP/UDP	
Bootp Client 68 TCP	68	TCP	Done
Bootp Client 68 UDP	68	UDP	Add
Bootp Server 67 TCP	67	TCP	Add
Bootp Server 67 UDP	67	UDP	Add

14 Confirm that all of the following items have been added in the *Windows Firewall* dialog box. Click *OK*.

- Bootp Client 68 TCP
- Bootp Client 68 UDP
- Bootp Server 67 TCP
- Bootp Server 67 UDP
- icpacq.exe
- icptune.exe



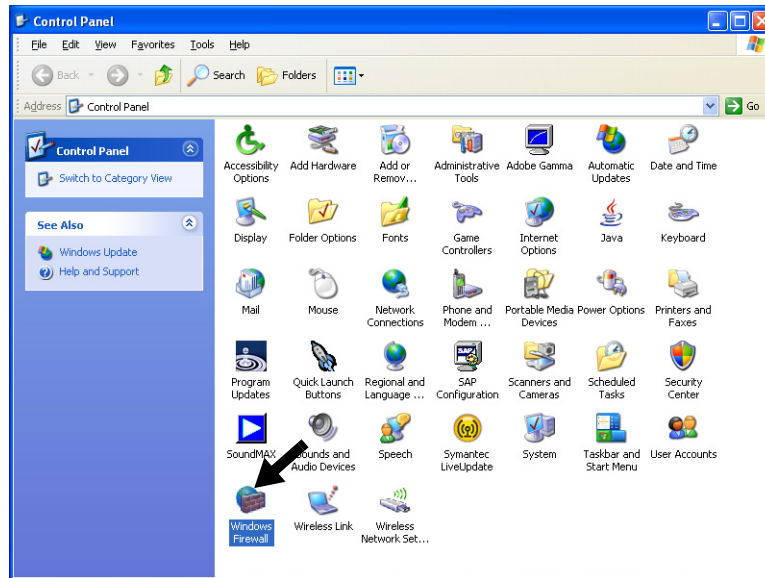
Changes to the firewall settings are now complete.

15 Open the ICP-MS MassHunter Workstation and confirm that communication with the Agilent 7500 is possible.

1 Installing the Agilent 7500 Series MassHunter Workstation Software

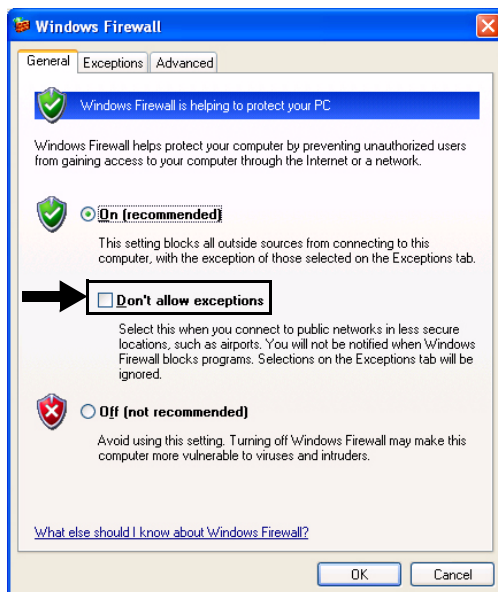
For Windows XP

- 1 Logon to Windows as a user with Administrator privileges.
- 2 Open the Control Panel from the Windows *Start* button and double-click the *Windows Firewall* icon.

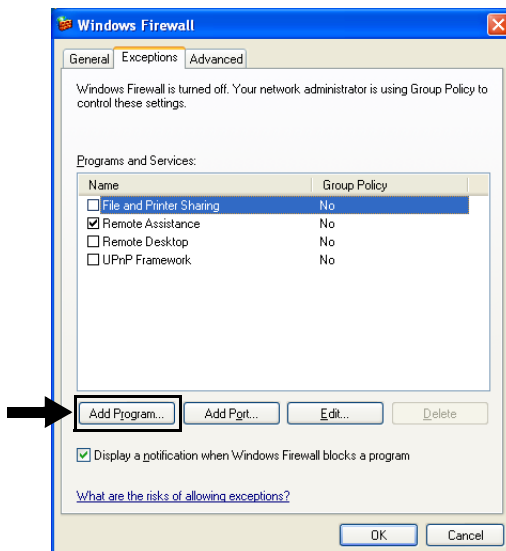


The *Windows Firewall* dialog box appears.

- 3 Click the **General** tab, then select **On (recommended)** and uncheck the **Don't allow exceptions** checkbox.



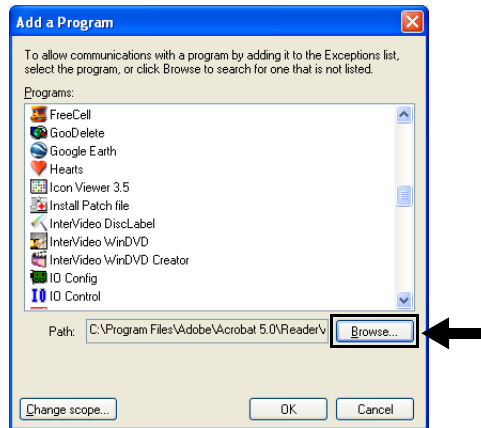
- 4 Click the **Exceptions** tab first, then the **Add Program...**



The **Add a Program** dialog box appears.

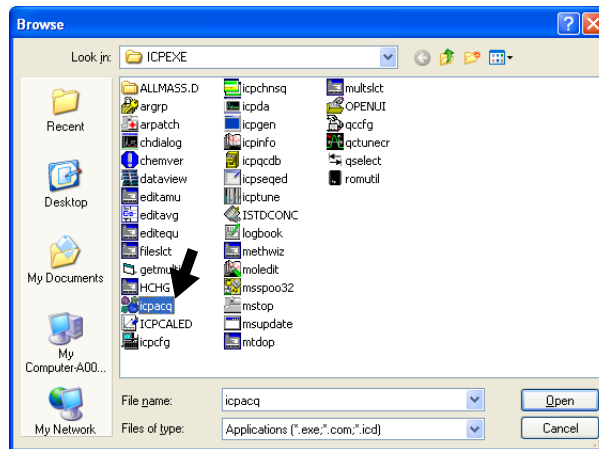
1 Installing the Agilent 7500 Series MassHunter Workstation Software

5 Click *Browse*....



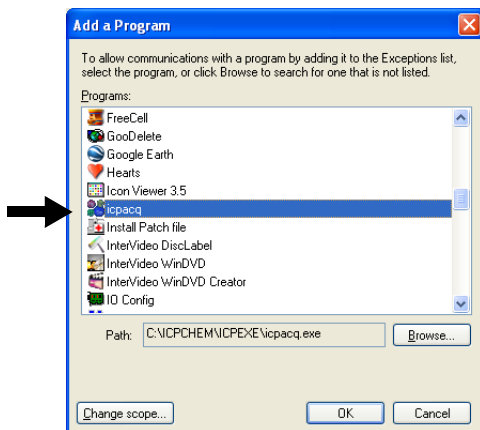
The *Browse* dialog box appears.

6 Click *My Computer* from the list on the left hand side of the Browse dialog box. Select (C:) --> ICPMH --> ICPEXE --> icpacq.exe from the list on the right. Confirm selection of “icpacq.exe” as shown in the screen below, then click *Open*. If the MassHunter Workstation has been installed into a drive other than C:, specify the correct drive.



The *Add a Program* dialog box appears.

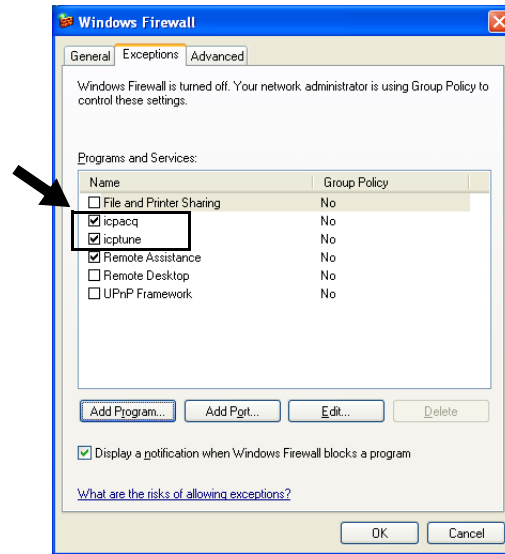
- 7 Confirm “icpacq.exe” is listed in the *Add a Program* dialog box, then select “icpacq.exe” and click *OK*.



The *Windows Firewall* dialog box appears.

- 8 Confirm “icpacq.exe” is added to *Program and Services* in the *Windows Firewall* dialog box.
- 9 Add “icptune.exe” in the same way as described in steps 4 to 8.
- 10 Confirm that “icpacq.exe” and “icptune.exe” have been added to the *Windows Firewall* dialog box.

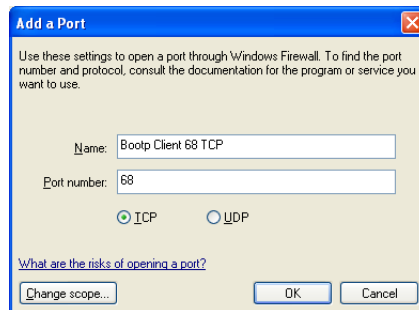
11 Click the *Add Port...*



The *Add a Port* dialog box appears.

12 Set the following items and click *OK*.

- Name: Type in “Bootp Client 68 TCP.”
- Port Number: Type in “68.”
- Click to select *TCP* or *UDP*. Here, select *TCP*.

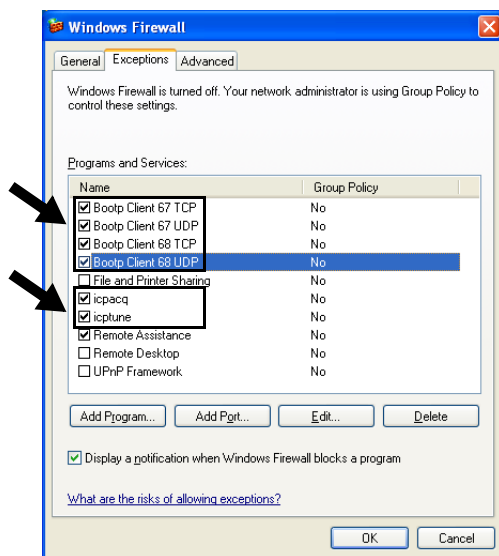


13 Follow Steps 11 and 12 to add three more ports.

Name	Port No.	TCP/UDP	
Bootp Client 68 TCP	68	TCP	Done
Bootp Client 68 UDP	68	UDP	Add
Bootp Server 67 TCP	67	TCP	Add
Bootp Server 67 UDP	67	UDP	Add

14 Confirm that all of the following items have been added in the *Windows Firewall* dialog box. Click *OK*.

- Bootp Client 68 TCP
- Bootp Client 68 UDP
- Bootp Server 67 TCP
- Bootp Server 67 UDP
- icpacq.exe
- icptune.exe



Changes to the firewall settings are now complete.

1 Installing the Agilent 7500 Series MassHunter Workstation Software

15 Open the ICP-MS MassHunter Workstation and confirm that communication with the Agilent 7500 is possible.

Demo Data

Demo data is included on the installation Disc.

Use the demo data to test the operation of the data analysis software.

The demo data is stored in the \DemoData folder.

Copy the demo data to the ICP-MS MassHunter Workstation data folder as necessary.

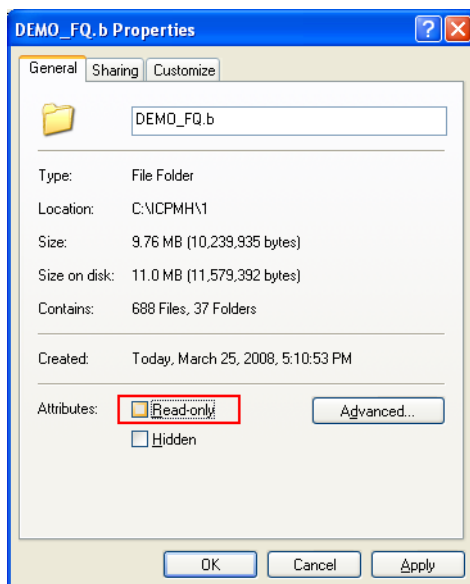
Note that when the data is copied from the Disc, it will have the read-only attribute, which must be removed.

Removing the Read-Only Attribute

1 Right click a file or folder, and select Properties.

The *Properties* dialog box is displayed.

2 Uncheck the check from the *Read-only* check box.



Uninstall ICP-MS MassHunter Software Workstation

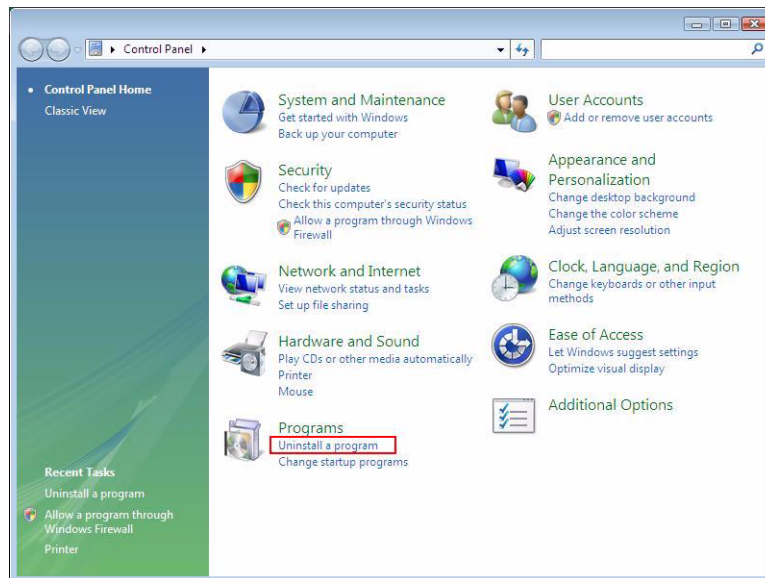
NOTE

Be sure to back up the “C:\ICPMH” folder before uninstalling the Agilent 7500 Series MassHunter Workstation Software.

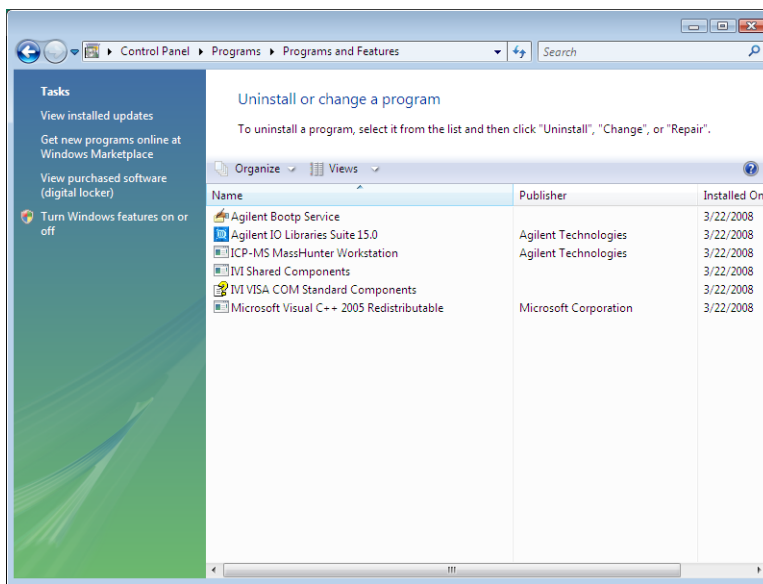
Exit the Agilent 7500 Series MassHunter Workstation software before uninstalling it. Be sure to exit all associated software, such as Queue Viewer on the tasktray.

For Windows Vista

- 1 On the Start menu, select Control Panel. Select *Uninstall a program* under the “Programs” category.



2 Click the program from the list, and click *Uninstall*.

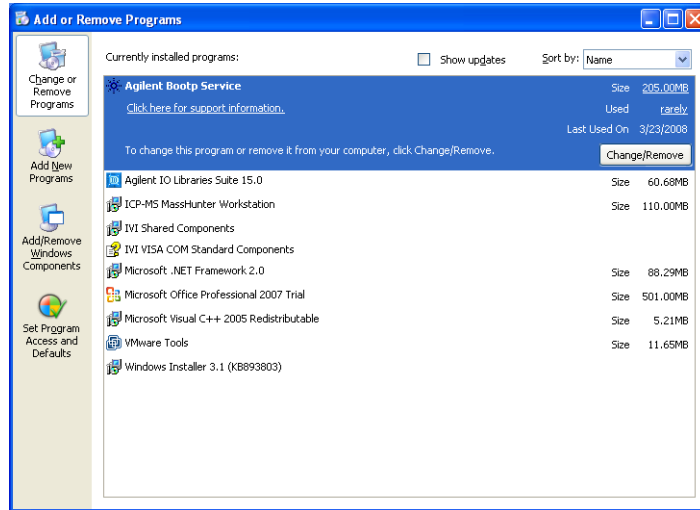


3 When the software has been uninstalled, delete the “C:\ICPMH” directory.

1 Installing the Agilent 7500 Series MassHunter Workstation Software

For Windows XP

- 1 On the Start menu, select Control Panel. Select *Add or Remove Program*.
- 2 Select the program from the list, and click *Change/Remove*.



- 3 When the software has been uninstalled, delete the “C:\ICPMH” directory.

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In This Book

This manual explains
installation of the Agilent
7500 Series ICP-MS
MassHunter Workstation
software.

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