MassHunter Spectrum Mill - Site Preparation Checklist

Thank you for purchasing an Agilent instrument. To get you started and to assure a successful and timely installation of your Agilent **software**, please refer to this specification or set of requirements.

Correct site preparation is the key first step in ensuring that your instruments and software systems operate reliably over an extended lifetime. This document is an **information guide and checklist** prepared for you that outlines the supplies, consumables, space and utility requirements for your equipment.

Customer Responsibilities

Make sure your site meets the following prior specifications before the installation date. For details, see specific sections within this checklist, including:

- ❑ The computing environment and the necessary space is made available
- ❑ The number & location of electrical outlets for your computer systems and peripherals are planned
- ❑ That your site meets the software, hardware and networking specifications below
- ❑ Locate your sales order information, software authorization codes and/or software licenses/certificates
- ❑ The necessary software media, disks etc are available including upgrade/update disks
- ❑ That a suitable backup solution is identified for your software
- ❑ Availability of a system/network administrator as needed to connect to your intranet
- ❑ Please consult Other Requirements section below for other product-specific information.
- ❑ Complete Final Check: Software Site Preparation Tool. Please visit the following Agilent website to download the Software Installation Site Preparation Tool.

    - ❑ http://www.chem.agilent.com/en-US/Technical-Support/Software-Informatics/Utilities/Pages/SWSitePrepTool.aspx

    This easy-to-use tool verifies that your PC meets the necessary hardware and software pre-requisites before installing the Agilent software.

If Agilent is delivering installation and familiarization services, users of the instrument should be present throughout these services; otherwise, they will miss important operational, maintenance and safety information.

- ❑ The installation requirements for the customer are detailed in the Installation Guide (G2721-90038), which the customer should have and follow before the Agilent Field Service Engineer arrives for the Spectrum Mill software installation.

Important Customer Information

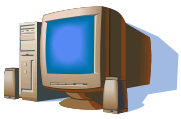
1. If you have questions or problems in providing anything described as a Customer Responsibility above, please contact your local Agilent or partner support/service organization for assistance prior to delivery. In addition, Agilent and/or its partners reserve the right to reschedule the installation dependent upon the readiness of your laboratory.
2. Should your site not be ready for whatever reasons, please contact Agilent as soon as possible to re-arrange any services that have been purchased.

3. Other optional services such as additional training, operational qualification (OQ) and consultation for user-specific applications may also be provided at the time of installation when ordered with the system, but should be contracted separately.

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Special Notes on WHO needs this checklist:

- **If either G9294AA or G2733AA has been ordered, the bundled computers will ship with the necessary pre-configured hardware and software itemized in this Site Preparation guide. In these cases MassHunter Spectrum Mill can be installed directly.**
- **If only G2721AA (Agilent Spectrum Mill Proteomics SW) has been ordered then proceed through this checklist to ensure the correct computer hardware and software is configured and installed before proceeding with the installation of the Spectrum Mill software.**



Computer Hardware Specifications for Workstations, Clients, and Servers

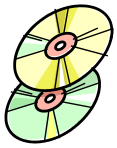
- ❑ Agilent MassHunter Spectrum Mill software can be installed on either a high-end pc with Windows Server 2008 (recommended for multiple users or for processing multiple large datasets) or a low-end pc for the single user. The computer selected by the end user for the SpectrumMill installation depends upon the end users requirements. The information provided in the table below refers to the minimum computer requirements for either type of installation.

Specification Description	Minimum	Recommended (if applicable)	Comments (if applicable)
High-end: Processor type & speed	Multi-Core, 2GHz Dual CPU	2.5 GHz or higher 8 to 12 core	If G9294AA Spectrum Mill High-end Plus Server has been ordered then a HP Z620 ships pre-configured for Spectrum Mill installation and use. Need the appropriate license to run a multi-core cpu.
Low-end: Processor type & speed	Multi-Core, 3 GHz Single CPU	3.6 GHz 4 Core	If G2733AA Spectrum Mill Plus PC has been orderd then a HP Z420 ships pre-configured for Spectrum Mill installation and use
High-End: Memory	8 GB	16 GB or higher	
Low-end: Memory	8 GB		
High-end: Internal Storage/devices/media	500 GB	1 TB or higher	Recommended volume configuration: C: 100 GB for programs D: 100 GB for protein databases E: 500 GB - 1 TB for Spectrum Mill and data
Low-end: Internal	500 GB	1 TB or higher	Recommended volume

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Storage/devices/media			configurations: C: 100 GB for Programs D: >400 GB for Spectrum Mill and Data
High-end: RAID setup	RAID 5 3-Disk Minimum	Agilent recommends the use of RAID hard disk arrays for redundant protection of your data.	Use disks of the same size as disk capacity is based on size of the smallest disk.
Low-end: RAID setup	RAID 1+0 4-disk minimum	Agilent recommends the use of RAID hard disk arrays for redundant protection of your data.	Use disks of the same size as disk capacity is based on size of the smallest disk.
External Storage/devices/media	Not Applicable		
Video devices	SVGA or better graphics adapter and monitor (minimum resolution 1280 x 1024), True Colors		
Audio devices	Not Applicable		
Printing devices	Not Applicable		
Pointing devices	Not Applicable		

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Software Specifications for Workstations, Clients, and Servers

Special Notes

- Agilent MassHunter Spectrum Mill software can be installed on either a high-end pc or a low-end pc (see previous section). The information in the table below details the operating system(s), server and other software requirements for either type of installation.
- Installation of IIS, PERL and Java are all detailed in the Spectrum Mill Installation Guide G2721-90038.

Specification Description	Minimum	Recommended (if applicable)	Comments (if applicable)
High-end PC: Operating system type(s), versions	Microsoft Windows 2008 R2, SP1 (or higher)		For Windows 2008 Server, Client Access licenses are required for authenticated access by client PCs.
Low-end PC:Operating system type(s), versions	Microsoft Windows 7 SP1 (or higher)		Windows 7 64-bit
High and Low end PC: O/S .NET & other add-ons	Microsoft® NET 3.5 Service Pack 1 Internet Information Services (IIS) Java 7 RE Windows ActivePERL 5.14.2		If either G9294AA or G2733AA has been ordered, the bundled computers will ship pre-configured. If only G2721AA Spectrum Mill is ordered then the user must install these programs (provided on Spectrum Mill software disc) before installing Spectrum Mill. Refer to installation guide for more details.
Language settings/compatibility	English		
Regional settings/compatibility	English		
Account settings/privileges	Administrator priviliges required for installation.		
Internet Browser	Internet Explorer 7.0 or higher		
Specific drivers	Not Applicable		

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Networking Specifications

Special Notes

1. Author to add special considerations or notes.

Specification Description	Minimum	Recommended (if applicable)	Comments (if applicable)
Network type, bandwidth, speed, protocol etc			
Additional network or instrument devices/cards requirements	Additonal LAN card		



Other Requirements

Author to add other guidance, notes and/or diagrams that are needed by the customer which have not been mentioned above such as:

1. Important web links
   Microsoft Hardware Compatibility Lists
   http://www.microsoft.com/whdc/hcl/default.mspx

   Links to specific O/S fixes, updates needed
   http://support.microsoft.com/
2. Link to the Spectrum Mill Installation Guide
   http://www.chem.agilent.com/Library/installationguide/Entitled Partner/G2721-90044_SpectrumMill_Installation.pdf
3. Link to the Spectrum Mill Quick Start Guide
   http://www.chem.agilent.com/Library/usermanuals/Public/G2721-90047_SpectrumMill_QuickStart.pdf

Important Customer Web Links

- ❑ For additional information about our solutions, please visit our web site at http://www.chem.agilent.com/en-US/Pages/HomePage.aspx
- ❑ Need to get information on your product?
  Literature Library - http://www.agilent.com/chem/library

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- ❑ Need to know more?
  Customer Education – http://www.agilent.com/chem/education
- ❑ Need technical support, FAQs? – http://www.agilent.com/chem/techsupp
- ❑ Need supplies? – http://www.agilent.com/chem/supplies

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