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Thank you for purchasing an Agilent solution. 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 computing requirements for your site. It may also recommend tools where needed, that will help you get started.

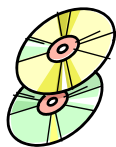For additional information, please visit our web site at http://www.chem.agilent.com/en-US/Pages/HomePage.aspx.

Customer Responsibilities

Make sure your site meets the following **prior to the installation date using the checklist below. For details, see specific sections within this document**, 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/Special Requirements** section below for other product-specific information
- ☐ **If Agilent is delivering installation and familiarization services, users of the system should be present throughout these services; otherwise, they will miss important operational, maintenance and safety information.**

Important Customer Information

1. If you have questions or problems in providing anything described as a *Customer Responsibilities* 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. If your site is 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.

Software Specifications (Workstations/Clients/Servers)

Special Notes:

1. Administrator logon is required for software installation. Power users are not supported.

Specification Description	Minimum	Recommended (if applicable)	Comments (if applicable)
Operating system type(s), versions	- Windows XP Pro SP3 - Windows 7 Pro (32- or 64-bit)		Windows 7 Pro (64-bit) support for English, Chinese, and Japanese languages began in October 2011
O/S .NET & other add-ons	.NET Framework 3.5		
Language settings/compatibility	- English, Japanese, or Chinese		MSD Productivity ChemStation Software language must match the Windows Operating System language
Regional settings/compatibility	- English-US for English OS and English G1701EA - Chinese for Chinese OS and Chinese G1701EA - Japanese for Japanese OS and Japanese G1701EA		
Account settings/privileges	Administrator privileges		
Microsoft TCP/IP			
Internet Explorer	7.0		
Adobe Acrobat Reader	9.0		
Adobe Flash Player	10.0		
Windows Media Player	- 9 for Windows XP - 12 for Windows 7		

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Computer Hardware Specifications (Workstations/Clients/Servers)

Special Notes:

1. Agilent recommends a computer that meets or exceeds the configuration listed below:

Specification Description	Minimum	Recommended (if applicable)	Comments (if applicable)
Processor type & speed	Pentium IV 2.8 GHz		
Memory	2 GB RAM	4 GB RAM	minimum 4GB if running two instruments
Internal Storage	100 GB hard drive		
Internal media player	DVD/CD-ROM drive		Recommended for viewing support documents
External Storage/devices/media	100 GB		Recommended for backing up data
Video devices	Color monitor with super VGA adapter set at 1280×1024 and 65,536 (16-bit) colors	Best to use the optimal resolution recommended by monitor, but should be 1280x1024 or higher	
Audio devices	Sound card and speakers or headphone		
Printing devices	HP LaserJet 4020 on PCL 6 driver. HP LaserJet 4050 and 4100 on PCL 5e or PCL 6 drivers revision 5.02. HPLaserJet 2200D or 2300 printer with PostScript driver revision 5.02 PDF Driver	HP LaserJet P3015d, P3015dn, or P3005d printers on PCL 6 driver.	HP DeskJet printers are not tested/supported. For the latest drivers, visit the HP website at http://welcome.hp.com/country/us/en/support.html
Pointing devices	Mouse		

Networking Specifications

Special Notes:
1. The voltage settings of the computer system and the power cables have to be correct Network Interface Card (NIC).
2. Serial/Comm port for RS232 controlled instrument is required.

Specification Description	Minimum	Recommended (if applicable)	Comments (if applicable)
Network type, bandwidth, speed, etc.	10/100 Base-T Ethernet (803.3) interface card		Recommended for LAN-based instrument control
Network protocol	TCP/IP networking protocols		Verify TCP/IP protocols are installed and enabled
Additional network devices/cards requirements	Hub	Switch or Router	
Additional instrument devices/cards requirements	Serial/Comm port		For RS232 controlled instrument

Other/Special Requirements

a) Important web links
   a. Microsoft Hardware Compatibility Lists
      http://www.microsoft.com/whdc/hcl/default.mspx
   b. Links to specific O/S fixes, updates needed
      http://support.microsoft.com/

b) Power Consumption
   The number and type of electrical outlets depends on the size and complexity of your system. The MSD power consumption and requirements depends on the country the unit is shipping to. The electrical outlet for the unit should have a dedicated ground.

Product	Line voltage	Frequency	Current Rating (amps)	Maximum continuous power consumption	Outlets Required
ChemStation PC system (monitor, CPU, printer)	120VAC (-10% / + 5%)	50/60 Hz ± 5%	15A (1)	1000VA	3 to 5
	200-240VAC (-10% / + 5%)	50/60 Hz ± 5%	15A	1000VA	3 to 5

Note: Americas 120V requires 20 amp dedicated line. Americas 240V requires 15 amp dedicated line.