

Agilent CrossLab Start Up Services

Agilent MicroLab 5.8 Software Site Preparation Checklist

Thank you for purchasing software from **Agilent Technologies**. CrossLab Start Up is focused on helping customers shorten the time it takes to start realizing the full value of their instrument system investment.

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 software requirements for the system set up in your lab.

Introduction

Customer Information

- If you have questions or problems in providing anything described as part of Customer Responsibilities below, 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.
- Should your site not be ready for whatever reasons, please contact Agilent as soon as possible to re-schedule any services that have been purchased.
- 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.

Customer Responsibilities

Ensure that your site meets the following 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 and location of **electrical outlets** for your computer systems and peripherals are planned.
- Your site meets the **software, hardware, and networking specifications** described later in this document.
- Locate your **sales order information**, software authorization codes, and/or software licenses/certificates.
- Check for Hotfix, Microsoft updates, and patch compatibility appropriate for the customer's system. **Critical Note: Current Microsoft updates and Windows version must be installed in the customer provided PC before installation can begin.**
- The necessary **software media**, disks etc. are available including upgrade/update disks.
- That a suitable **backup solution** is identified for your software and **data**.
- If Agilent is delivering **Installation and Introduction services**, users of the instrument system should be present throughout these services. Otherwise, they will miss important operational, maintenance, and safety information.
- Availability of a **system/network administrator** as needed to connect to your intranet.

- Please consult the **Special Requirements** section for other product-specific information.

Important Customer Web Links

- To access **Agilent University**, visit <http://www.agilent.com/crosslab/university/> to learn about training options, which include online, classroom and onsite delivery. A training specialist can work directly with you to help determine your best options.
- To access the **Agilent Resource Center** web page, visit <https://www.agilent.com/en-us/agilentresources>. The following information topics are available:
 - Sample Prep and Containment
 - Chemical Standards
 - Analysis
 - Service and Support
 - Application Workflows
- The **Agilent Community** is an excellent place to get answers, collaborate with others about applications and Agilent products, and find in-depth documents and videos relevant to Agilent technologies. Visit <https://community.agilent.com/welcome>
- Videos about specific preparation requirements for your instrument can be found by searching the **Agilent YouTube** channel at <https://www.youtube.com/user/agilent>
- **Need to place a service call?** [Flexible Repair Options | Agilent](#)

Important Version and Hardware Information

- Please refer to the following table for supported MicroLab PC and Mobile software, firmware and hardware configurations

MicroLab Version (Firmware)	Supported Instrument Hardware
v5.8 (FW 1.96.0.0)	Agilent Cary 630 FTIR; FTIR 4500 and 5500; FTIR 4300 HH

Site Preparation

Software Specifications for Workstations

Special notes

- If you have purchased a system including hardware instrumentation, refer to the instrument Site Preparation Checklist for requirements regarding laboratory bench space requirements.
- **Implement a backup strategy or backup all your data prior to making any changes.**
- **Make sure SPT (System Preparation Tool) is running and all steps in the list pass prior to installation of MicroLab v5.8. For detailed instructions, see the MicroLab and MicroLab Mobile Installation Instructions.**
- No other instrument software can be installed.
- **Upgrade information:**
 - **Direct upgrades from versions earlier than MicroLab v5.3 are not supported.**
 - **To upgrade from MicroLab v5.7 and earlier, the old version must be uninstalled, and the new version installed.**
 - **Data from versions MicroLab v5.7 and earlier are compatible with MicroLab v5.8.**
- Upgrade services (if available) only include:
 - upgrade on the original PC.
 - Installing to a new PC.
- Upgrade services **do not** include:
 - Backing up or restoring data.
 - Transferring data.
 - Installing or upgrading operating systems.
 - Verifying data
 - IQ/OQ
 - Please contact your local Agilent representative for more information.

Workstation Requirements

Software Specification Description	Supported	Comments
Operating system name, version	Microsoft Windows 10 Revision 22H2 or higher Microsoft Windows 11 Revision 22H2 or higher	64-bit only Windows 10: Evaluated on Enterprise (LTSC) and Pro. Windows 11: Evaluated on Enterprise and Pro.
O/S .NET and other add-ons	.NET 4.8 Advanced Services .NET 3.5.1	Installed by the System Preparation Tool if required.
Language settings/compatibility	English Japanese Chinese	English, Japanese and Simplified Chinese Microsoft Windows operating systems are supported.
Account settings/privileges	Full Local Administrator privileges	Required for installation, configuration and upgrading
Microsoft Windows Updates	Outstanding updates must be completed or must not start before installing software	Disconnect the PC from the network while performing the installation and configuration
PDF Reader	Adobe Acrobat Reader DC	Required to view manuals and documentation
Antivirus software	Symantec Endpoint Protection	
Power Saving	None - disable sleep or power saving modes. If enabled, this may result in data loss or unstable instrument control.	Any PC power saving functions for hardware such as hard disks, monitor, LAN etc. should be disabled.

Computer Hardware Specifications for Workstations

Special notes

- Agilent FTIR bench, compact and mobile systems are evaluated under Agilent's ISO9001 procedures using MicroLab software and a laptop computer. We strongly recommend a computer configuration that matches the system used during evaluations.

Hardware Specification Description	Evaluated Configuration	Evaluated Operating System	Comments
Desktop Computer	Desktop PC: HP Z2G9	Windows 10 Pro 22H2 Windows 10 Ent 21H2 (LTSC) Windows 11 Pro 22H2 Windows 11 Pro 23H2 Windows 11 Ent 24H2 (LTSC)	
Laptop Computer	Laptop: HP Elitebook 665 G11	Windows 10 Pro 22H2 Windows 10 Ent 21H2 (LTSC) Windows 11 Pro 22H2 Windows 11 Pro 24H2 Windows 11 Ent 24H2 (LTSC)	
Processor type and speed	Intel® Core i5-12500 3.0 GHz (HP-Desktop) AMD Ryzen 5 Pro 7535U 4.5 GHz (HP-Laptop)		Intel Chipsets establish a stable connection to the instrument. NON-HP devices running an AMD Chipset are NOT supported.
Memory	8GB		
Internal storage/ devices/media	512GB PCIe NVMe M.2 SSD		
Graphics resolution	1600 x 900		
Pointing devices	Computer Mouse		
USB Port	USB 2.0		Required for installation
LAN	100/1000 MBIT		Required for network connectivity

- If you are providing your own laptop, it is recommended to check in advance with the System Preparation Tool (SPT) whether the laptop is suitable for connection to the instrument. Please contact your Agilent representative to get access to the SPT.

- USB Sparse mode is a BIOS level setting applied by the USB controller. By default, Intel chipsets disable this setting, while AMD chipsets enable it.

While this setting is enabled, the Cary 630, 4500 and 5500 will be unable to successfully establish a connection.

HP systems with AMD chipsets will have this setting exposed to be modified by the operating system. The “Check USB Sparse Mode Compatibility” check within the System Preparation Tool checks and attempts to disable this setting.

Special Requirements

- For further details on supported hardware, software, instruments, and firmware requirements please refer to the **Agilent MicroLab v5.8 Release Notes and SSB** documents which can be found on the installation media or by contacting your local Agilent representative.
- For further details on installation and upgrades, please consult the **MicroLab v5.8 Installation Instructions** which can be found on the installation media or by contacting your local Agilent representative.

Service Engineer Review (Optional)

If the Service Engineer completed a review of the Site Preparation requirements with the customer, the Service Engineer should complete the following Comments section.

Service Engineer Comments

If there are any specific points that should be noted as part of performing the site preparation review or other items of interest for the customer, please write in this box.

Site Preparation Verification

Service Request Number:

Date of Review:

Service Engineer Name:

Customer Name:

Service Engineer Signature:

Total number of pages in this document:

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