

Agilent CrossLab Start Up Services

Agilent 8850 GC Site Preparation Checklist

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

Correct site preparation is the crucial 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, space, and utility requirements for the system set up in your lab.

Use this document with the [Site Preparation Guide](#) to prepare your site for installation.



Please take the Self-Paced Online Site Preparation Training to learn more about Site Preparation.

Customer Information

- If you have questions or problems in providing anything described as part of the *Customer Responsibilities* below, please contact your local Agilent or partner support/service organization for assistance before delivery. In addition, Agilent or its partners reserve the right to reschedule the installation depending on the readiness of your laboratory.
- Should your site not be ready for whatever reasons, please contact Agilent as soon as possible to reschedule any services that have been scheduled.
- Other optional services such as additional training, operational qualification (OQ), and consultation for user-specific applications may also be included during installation when ordered with the system but should be contracted separately.
- Please refer to the other peripheral products (i.e., samplers) for site preparation requirements.

Important Customer Web Links

- To access Agilent training and education, visit <http://www.agilent.com/chem/training> 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, and 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](#)



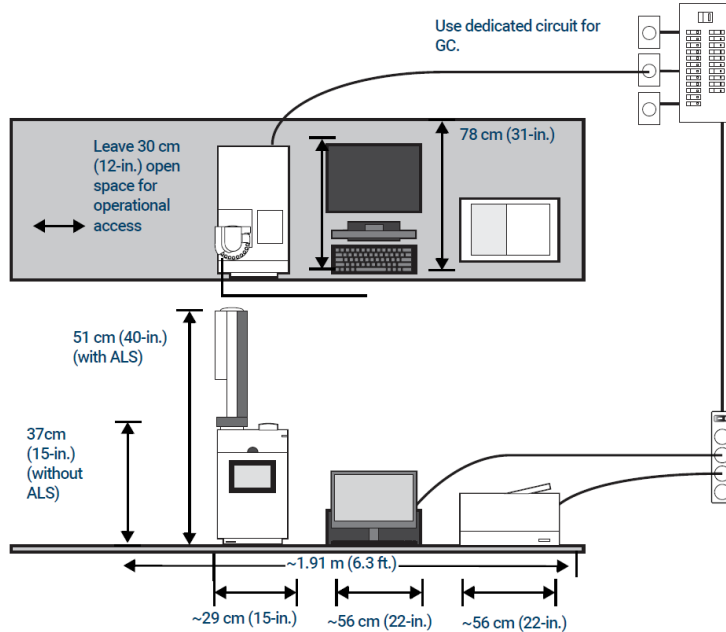
Customer Responsibilities

Ensure that your site meets the following specifications before the installation date. For details, see specific sections within the Site Preparation Guide:

- The necessary laboratory bench space is available.
- The environmental conditions for the site are within the operating conditions for the instrumentation.
- Dedicated power circuit for the 8850 Gas Chromatograph.
- There are power outlets for all the system components ordered. (PC, printer, etc.)
- The required operating supplies necessary for the product and installation.
- The appropriate installation hardware has been acquired.
- Proper venting is provided for the GC system.
- Appropriate gas and reagent supplies are provided for the GC system.
- Gas plumbing is provided up to the GC system.
- If the GC uses cryogenic cooling, ensure that appropriate cryogenic cooling supplies are provided for the GC.
- If the GC system being installed includes a data system, ensure that the PC meets the requirements necessary to support the GC system properly. For more information. (See the site prep guide for your data system.)
- If the GC being installed is to be connected to a site LAN, ensure that the appropriate cabling is available.
- Customer Information
If you have questions or problems in providing anything described as a Customer Responsibility, please contact your local Agilent or partner support service organization for assistance before the scheduled installation. In addition, Agilent and its partners reserve the right to reschedule the installation depending on your site's readiness.
- 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.
- Other optional services, such as extra training, compliance services, and consultation for user-specific applications, may also be provided during installation. Please discuss this with your Agilent Sales representative before the installation is scheduled.

Typical 8850 GC System Layout

Use a dedicated outlet for the GC.



Total Weight: ~23kg (51 lbs.)

Maximum Power Consumption: ~3,950 VA (13,478 btu/hr)

Application	Gas	Purity	Supply Pressure (PSI)
Carrier	Helium	99.9995	50-80
	Hydrogen	99.9995	50-80
	Nitrogen	99.9995	50-80
Detectors			
TCD	Helium	99.9995	50-80
FID, TCD	Hydrogen	99.9995	50-80
FID, TCD	Nitrogen	99.9995	50-80
FID,	Air	Zero Grade	50-80

Cryo Cooling (Liquid)	Tubing	Supply Pressure (PSI)
CO2	1/8 inch Stainless	700-900
N2	1/4 inch (Insulated)	20-25

Use 1/8-in Swagelok gas connections

1psi = 6.89kPa

Service Engineer Review (Optional)

Service Engineer Comments

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

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

Site Preparation Verification

Service Request Number:

Service Engineer Name:

Service Engineer Signature:

Total number of pages in this document:

Date of Review:

Customer Name:

Customer Signature:
