

Agilent CrossLab Start Up Services

Agilent 7693A Series Automatic Sampler 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 full value of their instrument 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 supplies, space, and utility 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.
- Please refer to the other peripheral products (ie, sampling devices, etc.) for site preparation requirements.

Customer Responsibilities

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

- The necessary laboratory or bench space is available.
- The required **environmental conditions for the lab** as well as laboratory gases, tubing.
- The **power requirements** related to the product (e.g. **number & location** of electrical outlets).
- The **required operating supplies** necessary for the product and installation.
- While Agilent is delivering **Installation and Introduction** services, users of the instrument should be present throughout these services; otherwise, they will miss important operational, maintenance and safety information.
- Please consult the **Special Requirements and Other Considerations** section below for other product-specific information

Customer Responsibilities

- 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/or its partners reserve the right to reschedule the installation dependent upon the readiness of your site.
- Should your site not be ready for whatever reasons, please contact Agilent as soon as possible to rearrange 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 at the time of installation. Please discuss with your Agilent Sales representative before the installation is scheduled

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
 - 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?** [Maintenance & Repair | Agilent](#)

Site Preparation

Dimensions and Weight

Identify the laboratory bench space before your system arrives based on the table below. Pay special attention to the total height and total weight requirements for all system components you have ordered and avoid bench space with overhanging shelves. Also pay special attention to the total weight of the modules you have ordered to ensure your laboratory bench can support this weight.

Special notes

- 7890- 7693A system dimension are approximately 94-cm high, 153-cm wide, 76.5-cm deep.
- G4516A Controller used with 6890A, G1530/40A with serial numbers less than US00020000 or DE00020000.
- Control board, G4517A, installed in 6890 Plus, GC must have serial number greater than US00020000 or DE00020000.

The following table provides dimensions and weight requirements.

Instrument Description	Weight		Height		Depth		Width	
	Kg	lbs.	cm	in	cm	in	cm	in
G4513A	3.9	8.6	51	20.1	16	6.3	17	6.7
G4514A	6.8	15	31	12.1	45	17.1	39	15.4
G4516A	5.0	11	11	4.3	30	11.8	25	9.8
G4520A	7.1	15.7	31	12.2	45	17.7	39	15.4

Environmental Conditions

Operating your instrument within the recommended temperature ranges ensures optimum instrument performance and lifetime.

Special notes

- Performance can be affected by sources of heat & cold, e.g. direct sunlight, heating/cooling from air conditioning outlets, drafts and/or vibrations.
- The bench or supporting surface must be vibration free.

The following table may help you calculate the additional BTUs of heat dissipation from this new equipment. Maximums represent the heat given off when heated zones are set for maximum temperatures.

Instrument Description	Operating Temperature Range °C (F)	Max Temperature Range °C (F)	Operating Humidity Range %	Max Operating Humidity Range %
G4513A	20°C -27°C 68°F - 80°F	5°C -40°C 41°F - 104°F	50%-60%	5%-95%
G4514A	20°C -27°C 68°F - 80°F	5°C -40°C 41°F - 104°F	50%-60%	5%-95%
G4516A	20°C -27°C 68°F - 80°F	5°C -40°C 41°F - 104°F	50%-60%	5%-95%
G4520A	20°C -27°C 68°F - 80°F	5°C -40°C 41°F - 104°F	50%-60%	5%-95%

Power Consumption

Special notes

- If a computer system is supplied with your instrument, be sure to account for those electrical outlets.

Instrument Description	USA-type VAC	European-type VAC	Line Voltage and Frequency V, Hz	Maximum Power Consumption VA
6890	120 ±10%	220-240 ±10%%	48-66	150
G4516A	100-120 ±10%	220-240 ±10%	50-60	180

Special Requirements and Other Considerations

Tools

Your Agilent instrument comes with a few basic tools and consumables which are relative to the specific configuration of your system.

Special notes

Download the Essential Chromatography and Spectroscopy Supplies Catalogs for a complete overview about available supplies for your new and existing Agilent Instruments.
<https://www.agilent.com/en-us/products/lab-supplies>

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 complete the following Comments section. Both the Service Engineer and the customer should complete the Site Verification section below.

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:

Customer Signature:

Total number of pages in this document: