

## 7650 ALS – Site Preparation Checklist

Thank you for purchasing an Agilent **instrument**. To get you started and to assure a successful and timely installation, 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 specifications before the installation date. For details, see specific sections within this checklist, including:**

- The necessary laboratory or bench space is available
- The environmental conditions for the lab as well as laboratory gases and plumbing
- The power requirements related to the product (e.g., number & location of electrical outlets)
- The required operating supplies necessary for the product and installation
- Please consult Other Requirements section below for other product-specific information.
- For more details, please consult the product-specific Site Preparation or Pre-Installation manual.

**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.**

### 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.

**7650 ALS –  
Site Preparation Checklist**


## 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.**

*Special Notes:*

1. The 7650 requires 10 cm (4 in) of clearance for tower removal/installation.

Instrument Description	Weight		Height*		Depth**		Width***	
	Kg	lbs	cm	in	cm	in	cm	in
G4567A, 7650 ALS (mounted on 7890 GC)	4.5	9.9	94	37	50	19.68	83	32.67
G4567, 7650 ALS (mounted on 7820 GC)	4.5	9.9	95	37.4	79	31.10	85	33.46

\*Above bench surface of top of a 7650 injector as mounted on the noted GC.

\*\* Extension of the 7650 injector past front of the noted GC.

\*\*\* Extension of the 7650 injector past left side of the noted GC.



## Environmental Conditions

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

**Special Notes**

1. Performance can be affected by sources of heat & cold e.g. direct sunlight, heating/cooling from air conditioning outlets, drafts and/or vibrations.
2. The site's ambient temperature conditions must be stable for optimum performance.
3. Pollution degree 2, Installation Cat II

Instrument Description	Operating temp range °C (F)	Operating humidity range (%)	Heat Dissipation (BTU)
G4567A, 7650 ALS	15 to 35°C (59 to 95°C)	5 to 95%	

**7650 ALS –  
Site Preparation Checklist**

**Power Consumption**
**Special Notes**

1. If a computer system is supplied with your instrument, be sure to account for those electrical outlets.
2. Mains supply voltage fluctuations up to  $\pm$  of the nominal voltage

Instrument Description	Line Voltage & Frequency (V, Hz)	Maximum Power Consumption (VA)	Maximum Power Consumption (W)
G4567A, 7650 ALS	Americas: 120 single phase (-10% / +10%) 50/60 Hz		
G4567A, 7650 ALS	200/220/230/240 Single/split phase (-10% / +10%) 50/60 Hz		


**Required Operating Supplies by Customer**
**Special Notes**

1. For information on Agilent consumables, accessories and laboratory operating supplies, please visit <http://www.chem.agilent.com/en-US/Products/consumables/Pages/default.aspx>


**Other Requirements**

1. Only one 7650 ALS can be operated on a compatible GC at a time, in either the front or back injection port.
2. When used on an Agilent 7890 GC, an Agilent 7693A 16 vial injector can also be operated on the back injection port with a 7650 ALS operated on the front injection port.
3. The injector will not operate if it is not mounted on a GC, if the turret is not installed, or if the door is open.

**7650 ALS -  
Site Preparation Checklist**

## 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>
- 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>