

## Agilent CrossLab Start Up Services

### Agilent Intuvo 9000 GC Site Preparation Checklist

Thank you for purchasing an Agilent instrument. Correct site preparation is crucial in ensuring that your instruments and software systems operate reliably over an extended lifetime. Use this document with the



[Site Preparation Guide](#)

to prepare your site for installation.

Preparing the site for the installation is the customer's responsibility. Please contact Agilent with any questions or concerns regarding your site readiness.

### 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.
- [Site Preparation Self-Paced On-Line Training](#)
- Need technical support, FAQs, supplies? – visit our **Support Home page** <http://www.agilent.com/search/support>

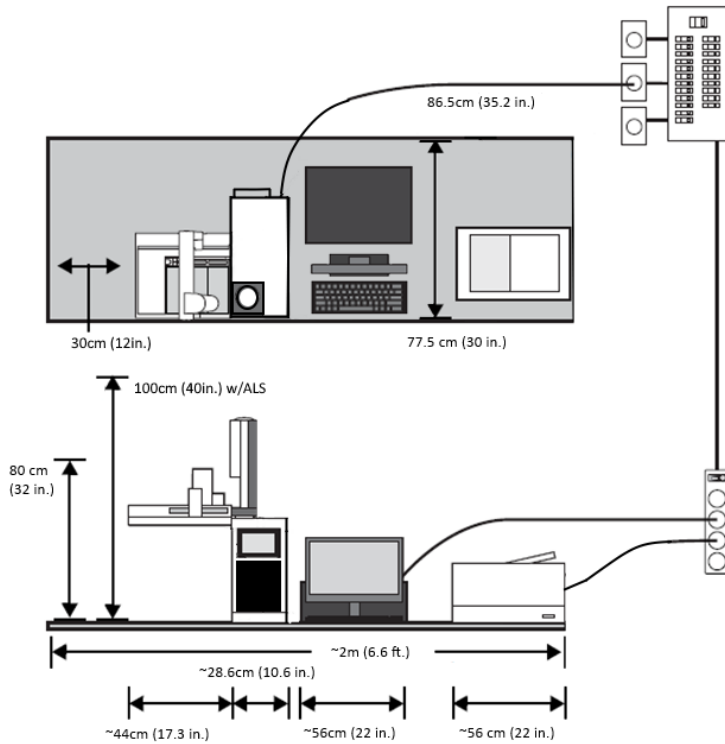
## Customer Responsibilities

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 Intuvo 9000 Gas Chromatograph.
- Dedicated power circuit for the Mass Spectrometer. (If part of the system.)
- 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.
- If the system being installed includes an MSD, ensure that the bench allows for proper installation and connection of the foreline pump.
- 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 properly support the GC system. 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/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 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 at the time of installation. Please discuss with your Agilent Sales representative before the installation is scheduled.

## Typical Intuvo 9000 System Layout

Use a dedicated outlet for the GC



Total Weight: ~86kg (186 lbs.)

Maximum Power Consumption:

120 Single Phase 1296 VA 4424 BTU/Hour

200-240 Single/Split Phase 1548 VA 5285 BTU/Hour

Application	Gas	Purity	Supply Pressure (PSI)
Carrier	Helium	99.9995	50-80
	Hydrogen	99.9995	50-80
	Nitrogen	99.9995	50-80
<b>Detectors</b>			
TCD	Helium	99.9995	50-80
FID, NPD, FPD, TCD	Hydrogen	99.9995	50-80
ECD, FID, FPD, NPD, TCD	Nitrogen	99.9995	50-80
ECD	ArMe	99.9995	50-80
FID, NPD, FPD	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

1 psi = 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 complete 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:

Date of Review:

Service Engineer Name:

Customer Name:

Service Engineer Signature:

Total number of pages in this document: