

Archon Purge and Trap Autosampler 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 for your site.

Customer Responsibilities

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

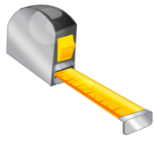
- The necessary laboratory or bench space is available
- The environmental conditions for the lab as well as laboratory gases and plumbing
- The power requirements related to the product (e.g., number & location of electrical outlets)
- The required operating supplies necessary for the product and installation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

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 Responsibilities 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.

Archon Purge and Trap Autosampler 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**. Also pay special attention to the total weight of the modules you have ordered to ensure your laboratory bench can support this weight.

The Archon requires an additional 17 inches of overhead clearance to allow the cover to open.

| Instrument Description | Weight | | Height | | Depth | | Width | |
|--|--------|-----|--------|----|-------|----|-------|------|
| | Kg | lbs | cm | in | cm | in | cm | in |
| G7360A, Archon Purge and Trap Autosampler, Water Only | 36.5 | 80 | 43.2 | 17 | 53.3 | 20 | 54.6 | 21.5 |
| G7361A, Archon Purge and Trap Autosampler, Needle Sparge | 36.5 | 80 | 43.2 | 17 | | 20 | | 21.5 |



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.

| Instrument Description | Operating temp range °C (F) | Operating humidity range (%) | Heat Dissipation (BTU) |
|--|--------------------------------|---------------------------------|---------------------------|
| G7360A, Archon Purge and Trap Autosampler, Water Only | 15 - 35 | 10-90 | 2500 |
| G7361A, Archon Purge and Trap Autosampler, Needle Sparge | 15 - 35 | 10-90 | 2500 |

**Archon Purge and Trap Autosampler
Site Preparation Checklist**

Power Consumption

| Instrument Description | Line Voltage & Frequency (V, Hz) | Maximum Power Consumption (VA) | Maximum Power Consumption (W) |
|--|---|--------------------------------|-------------------------------|
| G7360A, Archon Purge and Trap Autosampler, Water Only | 115 VAC +/- 15% 230 VAC +/- 15% 50/60 Hz +/- 3 Hz | | |
| G7361A, Archon Purge and Trap Autosampler, Needle Sparge | 115 VAC +/- 15% 230 VAC +/- 15% 50/60 Hz +/- 3 Hz | | |


Required Operating Supplies by Customer
Special Notes

- For information on Agilent consumables, accessories and laboratory operating supplies, please visit <http://www.chem.agilent.com/en-US/Products/consumables/Pages/default.aspx>
- Author to add info in table below on **required** supplies in order to ensure successful installation.

| Item Description (including dimensions etc) | Vendor's Part Number (if applicable) | Recommended Quantity |
|--|---|----------------------|
| Minimum 1/8" tubing for supply lines | | |
| | | |
| | | |
| | | |

Archon Purge and Trap Autosampler Site Preparation Checklist



Other Requirements

Author to add guidance, notes, photos and diagrams that are needed by the customer which have not been mentioned above such as:

1. Ultra high purity helium (99.999% GC/MS grade) is required for purging soil samples and operation of the vial gripper arm. The input supply pressure must be 75 - 90 psi.
2. High purity water (free of volatile organic compounders) is required for the blank/wash bottle.
3. Avoid any pipe thread connections in the supply line. Use an instrument-grade Teflon tape for any fitting that requires a sealant.
4. When using the tray coolant option, the drip pan must have a 1/4" ID hose and be routed to a suitable drain.

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>