

## **Agilent Seal Piercer – 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.
- ☐ For more details, please consult the product-specific Site Preparation or Pre-Installation manual (delete this line if a Site Prep Guide does not exist).

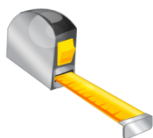
**If Agilent is delivering installation and familiarization services, users of the instrument should be present throughout these services; otherwise, they will miss important operational, maintenance and safety information.**

- ☐ Author to add specific customer activities or additional help, information, or guidance for the customer to follow prior to installation.

## **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 it's 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.

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### 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.

Instrument Description	Weight		Height		Depth		Width	
	Kg	lbs	cm	in	cm	in	cm	in
Seal Piercer	19.0 Kg	42.0 lbs	35.1 cm	13.8 in	34.3 cm	13.5 in	20.3 cm	8.0 in



### 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)
Seal Piercer	4–40 °C (39–104 °F)	10–90% RH, non-condensing	



### Power Consumption

#### Special Notes

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

**CAUTION:** Always connect the Seal Piercer to an AC circuit that is properly grounded.

Instrument Description	Line Voltage & Frequency (V, Hz)	Maximum Power Consumption (VA)	Maximum Power Consumption (W)
Seal Piercer	110-240 VAC @ 50/60 Hz	0.5 Amps	

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**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>

Item Description (including dimensions etc)	Vendor's Part Number (if applicable)	Recommended Quantity
<p>Computer</p> <p>If your organization uses a computer other than one configured by Agilent Technologies, make sure the computer meets the following minimum requirements:</p> <ul style="list-style-type: none"> <li>• Computer system <ul style="list-style-type: none"> <li>–Microsoft Windows XP with Service Pack 3, Microsoft Windows Vista with Service Pack 2, or Microsoft Windows 7</li> <li>–2 GHz or faster 32-bit (x86) processor, multicore preferred</li> <li>–2 GB system memory</li> <li>–40 GB hard drive capacity with 10 GB free space</li> <li>–1280 x 1024 pixel screen resolution</li> <li>–Microsoft Internet Explorer 6.0 or Mozilla Firefox 1.0 with JavaScript enabled (required for using the context-sensitive help and knowledge base)</li> <li>–A PDF viewer, such as Adobe Reader (required for opening the user guide PDF files)</li> </ul> </li> <li>•Dedicated 10BaseT or faster Ethernet card (two network cards if connecting to your local area network)</li> </ul>		1

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### Other Requirements

Compressed air requirements:

The Seal Piercer device requires the use of clean, dry, compressed air to move pneumatic components inside the device. The compressed air can be from the following sources:

- Centralized source (house)
- Compressed-air cylinders
- Portable pumps

NOTE: Using oil compressors can cause oil to leak into the Seal Piercer and void your warranty.

To maintain the desired air supply in the device, the device requires a source of air as follows:

Requirement	Value
Quality	Clean, dry, compressed, oil-free
Flow rate	< 0.94 Lps (2.0 cfm)
Pressure	0.62-0.69 MPa (90-100 psi)

### 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>

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