Agilent Technologies

7696A WorkBench – 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.

For additional information about our solutions, please visit our web site at http://www.chem.agilent.com/en-US/Pages/HomePage.aspx

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Customer Responsibilities

Make sure your site meets the following **prior to the installation date using the checklist below. For details, see specific sections within this document**, including:

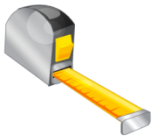
- the necessary **laboratory or bench space is available.**
- the **environmental conditions for the lab** as well as laboratory gases, tubing,
- the **power requirements** related to the product (e.g. **number & location** of electrical outlets)
- the **required operating supplies** necessary for the product and installation
- please consult **Other/Special 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.



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:
1. Additional Bench space may be required for the PC.

Instrument Description	Weight		Height		Depth		Width	
	Kg	lbs	cm	in	cm	in	cm	in
G4513A (x2)	3.9	8.6	51	20.1	16	6.3	17	6.7
G8130A	6.8	15	31	12.2	45	17.7	39	15.4
G4529A	20.5	45	21	8	46	18	68	26.5
G4529AA (Total)	35.1	77.2	71*	28*	46[t]	18[t]	68	26.5

* The WorkBench requires 10 cm (4 in) of clearance for tower removal/installation.
[t] The WorkBench may require additional bench space to access the back of the instrument.

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

Specific to Weigh Station

1. Indoor use only in ordinary atmospheres
2. Altitutde up to 2,000 m
3. Maximum capacity 10 grams
4. Warm up time – 1 hour
5. WorkBench mainframe support surface must be level
6. Vibration limited to 0.05 Hz transmitted to WorkBench mainframe
7. Compressed air supply – clean, dry air – instrument quality – water, oil, particle free with an input pressure setting of 5 psi (typiclal ¼ in supply line) [Max. pressure 20 psi][Min. flow 15 Lpm]

Instrument Description	Operating temp range	Operating humidity range (%)	Heat Dissipation (BTU)
G4529AA	5 C – 55 C 41 F – 131 F	80% @ 31 C 80% @ 89 F	
G8135A (Weigh Station)	10 - 30 C	20-65%, noncondensing	

Power Consumption

Special Notes:

1. If a computer system is supplied with your instrument, be sure to account for those electrical outlets.
2. The G4529A line voltage can be changed having a certified service personnel replace the AC configuration plug. For details, please is the user manual.
3. Mains supply voltage fluctuations up to +10%/-15% of the nominal voltage

Instrument Description	Line Voltage & Frequency (V, Hz)	Maximum Power Consumption (VA)	Maximum Power Consumption (W)
G4529AA	100–120 VAC or 220–240 VAC, 50/60 Hz,	800 VA	800 W
G8135A	100-240 VAC, 50/60 HZ, 0.5 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
2. Using vials with slit caps is strongly encouraged if the method requires transferring larger volumes of liquids greater than 250 microliters.

Other/Special Requirements

When using hazardous or volitile chemicals with the 7696A, it is advised to place the entire G4529AA into a fume hood with proper ventaliation.

