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

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:

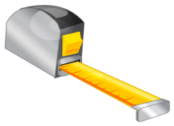
- ❑ The necessary laboratory or bench space is available.
- ❑ The environmental conditions for the lab as well as laboratory gases, tubing.
- ❑ The power requirements related to the product (e.g. number & location of electrical outlets).
- ❑ The required operating supplies necessary for the product and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

Module List

Module	Instrument Description
K1312B	1260 Infinity Binary Pump Clinical ed.
K1314F	1260 Infinity Variable Wavelength Detector Clinical ed.
K1316C	1290 Infinity Thermostatted Column Compartment Clinical ed.
K1321B	1260 Infinity Fluorescence Detector Clinical ed.
K1322A	1260 Infinity Standard Degasser Clinical ed.
K1330B	1290 Infinity Thermostat Clinical ed.
K1367E	1260 Infinity High Performance Autosampler Clinical ed.
K1390B	1200 Infinity Series Universal Interface Box Clinical ed.
K4212B	1260 Infinity Diode Array Detector Clinical ed.
K4225A	1260 Infinity High Performance Degasser Module Clinical ed.



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 The thermostatted version of the sampler includes the K1330B thermostat module. The thermostat module must be placed directly under the sampler to be thermostatted. It is recommended that the thermostat module is positioned as the bottom module of the stack, directly on the laboratory bench. Any stack containing a K1330B thermostat module needs at least 25 cm (10 inches) of space on either side to guarantee proper ventilation.

Instrument Description	Weight		Height		Depth		Width	
	kg	lbs	cm	in	cm	in	cm	in
K1322A	7.5	16.5	8	3	43.5	17	34.5	13.5
K4225A	5	11	8	3.1	43.5	17	34.5	13.5
K1312B	15.5	34	18	7	43.5	17	34.5	13.5
K1367E	15.5	34.2	20	8	43.5	17	34.5	13.5
K1330B	18.5	40.7	14.4	5.5	43.5	17	34.5	13.5
K1316C	11.2	22.5	14	5.5	43.5	17	41	16
K1314F	11	25	14	5.5	43.5	17	34.5	13.5
K1321B	11.5	25.4	14	5.5	43.5	17	34.5	13.5
K4212B	11.5	26	14	5.5	43.5	17	34.5	13.5
K1390B	0.9	2	16.5	6.5	5.5	2.2	13.5	5.3

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 and 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. The following table summarizes some key physical specifications. For the complete set of physical specifications, please refer to the corresponding module manual.

Instrument Description	Operating temperature range	Operating humidity range
K1321B	0 – 40 °C (32 – 104 °F), constant temperature	< 95 % r.h. at 40 °C (104 °F), non-condensing
K1314F, K1316C, K1322A, K4225A	0 – 55 °C (32 – 131 °F), constant temperature	< 95 % r.h. at 40 °C (104 °F), non-condensing
K4212B	4 – 40 °C (39 – 104 °F), constant temperature	< 80 % r.h. at 40 °C (104 °F), non-condensing
K1330B	4 – 40 °C (39 – 104 °F), constant temperature	< 95 % r.h. at 40 °C (104 °F), non-condensing
K1312B, K1367E, K1390B	4 – 55 °C (39 – 131 °F), constant temperature	< 95 % r.h. at 40 °C (104 °F), non-condensing

Power Consumption

Special Notes:

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

2 The heat dissipation can be calculated from the the active power, using the following equation: 1 W = 3.413 BTU/h

Instrument Description	Line Voltage & Frequency (V, Hz)	Maximum Power Consumption (VA)	Maximum Power Consumption (W)
K1322A, K4225A	100 – 240 V(AC), 50 or 60 Hz	30 VA	30 W
K1312B	100 – 240 V(AC), 50 or 60 Hz	220 VA	74 W
K1367E	100 – 240 V(AC), 50 or 60 Hz	300 VA	200 W
K1330B	100 – 240 V(AC), 50 or 60 Hz	260 VA	210 W
K1316C	100 – 240 V(AC), 50 or 60 Hz	320 VA	150 W
K1314F	100 – 240 V(AC), 50 or 60 Hz	220 VA	85 W
K4212B	100 – 240 V(AC), 50 or 60 Hz	160 VA	130 W
K1321B	100 – 240 V(AC), 50 or 60 Hz	180 VA	70 W
K1390B	100 – 240 V(AC), 50 or 60 Hz	140 VA	65 W

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

Other/Special Requirements

Stack Configurations

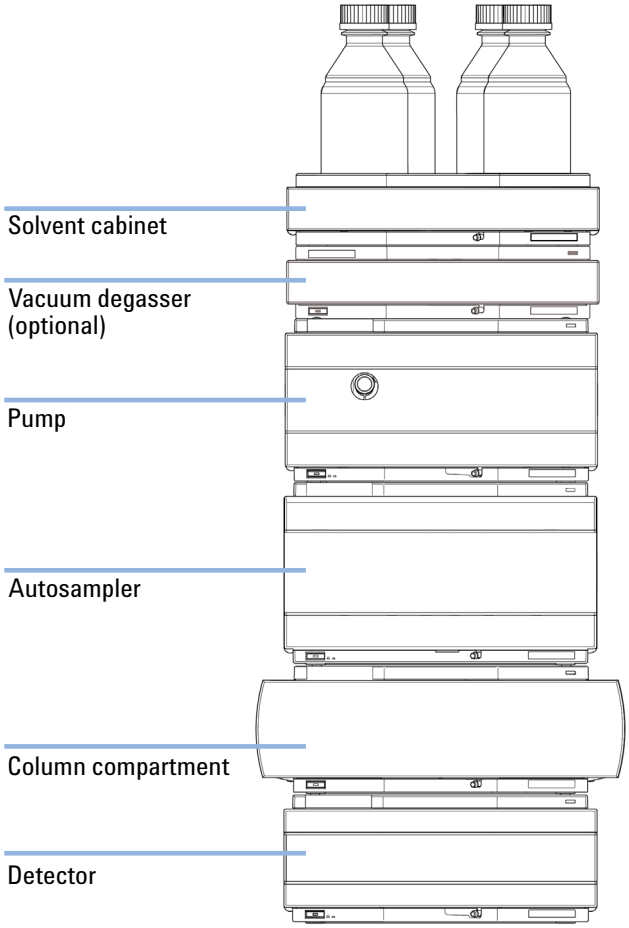


Figure 1 Recommended 1-Stack Configuration (without Thermostat)

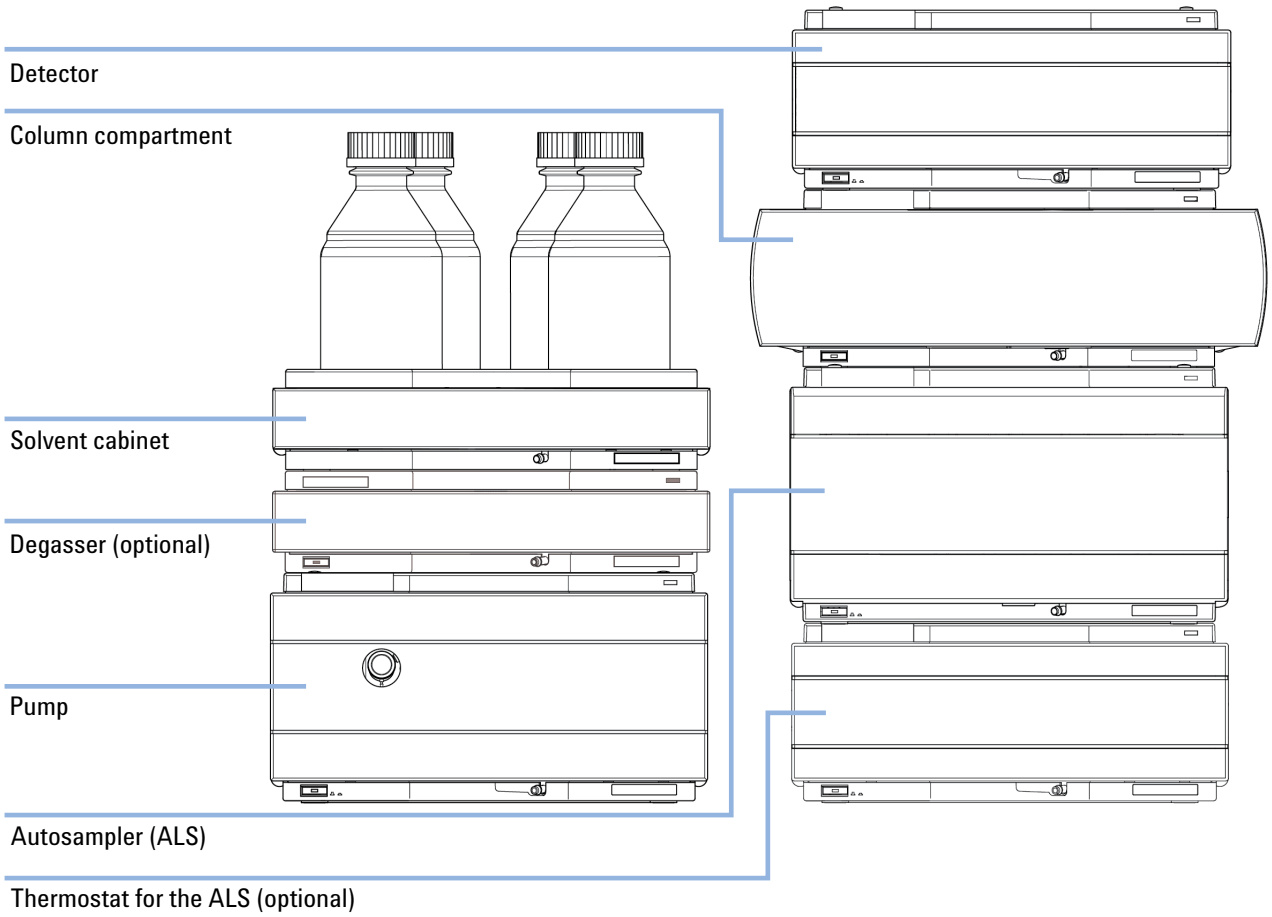


Figure 2 Recommended 2-Stack Configuration (with Thermostat)