



**Site Preparation Specification**

**Purpose of Procedure**

To assure that the installation of Agilent instruments and systems can be completed successfully by careful preparation and evaluation of the installation site and by ensuring the availability of appropriate utilities, consumables and supplies.

**Customer Responsibilities**

Customers should ensure that all necessary operating supplies, consumables and usage dependent items such as columns, vials, syringes and solvents required for the successful installation of instruments and systems are available - HPLC Grade Isopropanol, Acetonitrile and water.

Installation sites should be prepared in accordance with the following specifications.

**Important Information**

If you have problems in providing any of the following, please contact your local Agilent Technologies office for assistance. Assistance with user specific applications may be provided but should be contracted separately. Users of the instrument should be present throughout the installation and familiarization otherwise important operational, maintenance and safety information may be missed.

**Procedure Checklist**

*Dimensions and Weight*

**Check Boxes**



**G1382A: G1376A Capillary Pump  
G1379A Micro Degasser**

**G1376A Capillary Pump**

Weight: 17.0 kg	Height: 18 cm
39.0 lbs.	7 in
Depth: 43.5 cm	Width: 34.5 cm
17 in	13.5 in

**G1379A Micro Degasser**

Weight: 7.0 kg	Height: 8 cm
15.4 lbs.	3 in
Depth: 43.5 cm	Width: 34.5 cm
17 in	3.5 in

**G1387A: G1389A Thermostatted Micro Autosampler  
G1330A ALS Thermostat**

**G1389A Thermostatted Micro Autosampler**

Weight: 14.2 kg	Height: 20 cm
31.3 lbs.	8 in
Depth: 43.5 cm	Width: 34.5 cm
17 in	13.5 in

**G1330A ALS Thermostat**

Weight: 18.5 kg	Height: 14.4 cm
40.7 lbs.	5.5 in
Depth: 43.5 cm	Width: 34.5 cm
17 in	13.5 in

**G1316A Thermostatted Column Compartment**

Weight: 10.2 kg	Height: 14 cm
22.5 lbs.	5.5 in
Depth: 43.5 cm	Width: 41 cm
17 in	16 in

**G1315B Diode-array Detector**

Weight: 11.5 kg	Height: 14 cm
26 lbs.	5.5 in
Depth: 43.5 cm	Width: 34.5 cm
17 in	13.5 in



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*Environmental Conditions*

**Check Boxes**



**Temperature:**

G1315B:

0 to 55°C,  
constant temperature.

G1330A:

4 to 40°C

All other modules:

4 to 55°C,  
constant temperature.

**Humidity:**

< 95%, non-condensing

**Power**

100 - 120 VAC, +/- 10%

220 - 240 VAC, +/- 10%

Wide ranging Consumption:

**Apparent Power:**

G1376A Capillary Pump	220 VA
G1379A Micro Degasser	30 VA
G1389A Autosampler	300 VA
G1330A Sample Thermostat	260 VA
G1316A Therm Column Comp	320 VA
G1315B DAD	300 VA

**PLEASE NOTE:** An AC outlet is required for EACH module, in addition to the Computer System (if applicable)

**Active Power:**

G1376A Capillary Pump	75 W
G1379A Micro Degasser	15 W
G1389A Autosampler	200 W
G1330A Sample Thermostat	210 W
G1316A Therm Column Comp	155 W
G1315B DAD	125 W

**Site Preparation Specification****Check Boxes***Mechanical Specifications****Bench Space:***

The modular dimensions and weight allow the instrument to be placed on almost any laboratory bench. The instrument requires an additional 2.5 cm (1.0 inch) of space on either side, and approximately 8 cm (3.1 inches) at the rear for the circulation of air and room for electrical connections. Ensure the modules are installed in a horizontal position.

If the bench should carry a complete Agilent 1100 Series Capillary LC System, make sure that the bench is designed to carry the weight of all the modules.

The G1387A (consisting of G1389A and G1330A) can be setup on a conventional laboratory bench. The instrument requires an additional 25 cm (10 inches) of space on either side for the circulation of air, and approximately 8 cm (3.1 inches) at the rear for electrical connections.

**Ensure the thermostatted autosampler is installed in a horizontal position.**



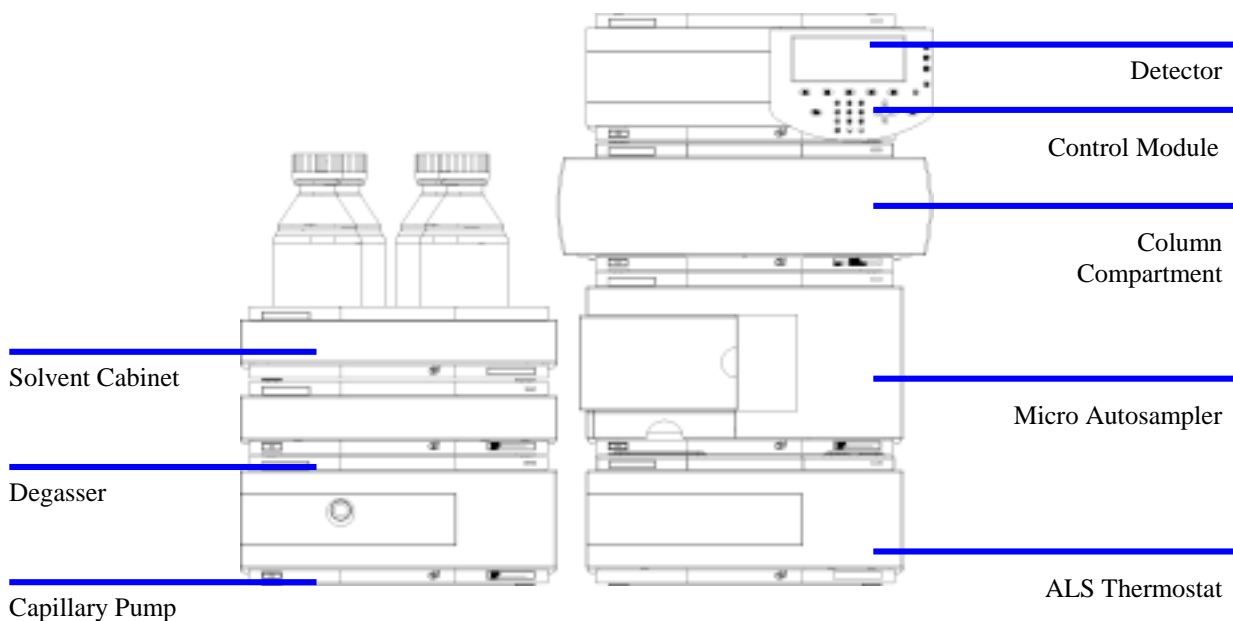
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**Check Boxes**

***Recommended Stack Configuration:***

The Agilent 1100 Series Capillary LC System including the thermostatted autosampler will be installed in two stacks, as the height of one single stack is too high. For the complete system the bench should be about 1 m wide. The thermostat requires 25 cm (10 inches) of space on either side for the circulation of air.

***Please refer to attached documents "Optimizing the Stack Configuration".***



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