

Agilent G5523A/G Bravo Platform – Installation Checklist

Thank you for purchasing an Agilent G5523A/G **Bravo Platform**. This checklist is used by the installing engineer to ensure that the instrument and associated systems are correctly installed, upgraded and functioning as designed in your facility. This checklist will be completed at the end of the service and provided to you as a record of the installation.

Customer Information

Customers should provide all necessary operating supplies upon request of the engineer. The instrument is shipped with the sufficient consumables necessary to establish the functionality of the platform.

Service Engineer's Responsibilities

- Only complete/printout pages that relate to the system being installed.
- Complete empty fields with the relevant information.
- Complete the relevant checkboxes in the checklist using a “X” or tick mark “✓” in the checkbox.
- Complete Not Applicable check boxes to indicate services not delivered, as needed.
- Complete the Service Review section together with the customer.

Additional Instruction Notes

- Follow the unpacking instructions specified in the **Bravo Platform Unpacking Guide** (part number G5409-90003), which is attached to the shipping container.
- Save the packing materials and shipping container in case you are required to move or ship the device. Packing the Bravo Platform using other materials might damage the device and void your warranty.
- The **Bravo Automated Liquid-Handling Platform Safety and Installation Guide** (part number G5409-90007) is required for installing a Bravo Platform. Ensure the specific installation instructions stated in the guide are followed.

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System Information

Guidance

☐ Check this box if an instrument configuration report is attached instead of completing the table.

Instrument system name and ID	
Instrument system site and location	
List system component product numbers	List the serial numbers of each component
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.
9.	9.
10.	10.

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General Preparation

- ☐ Verify that the Site Preparation Checklist has been followed and fully completed.
- ☐ Unpack/verify the condition and completeness of shipment. For discrepancies, use the table below.

Product or part description	Observation	Action

- ☐ Discuss any specific questions or issues with the customer prior to starting.
- ☐ Discuss any configuration options with the customer prior to starting.
- ☐ Check for required service note applicability and firmware updates if connecting to instruments.
- ☐ Check that customer-supplied PC hardware meets minimum requirements e.g. Site Preparation Tool
<http://www.chem.agilent.com/en-US/Technical-Support/Software-Informatics/Utilities/Pages/SWSitePrepTool.aspx>
- ☐ Upgrades only – Ensure with customer that instrument control settings, data, methods etc have been properly saved or archived prior to starting any installation procedures.
- ☐ Measure the main outlet line voltage _____ VAC

Installation Task #1 Hardware Installation

Except where noted, see the **Bravo Automated Liquid-Handling Platform Safety and Installation Guide** (part number G5409-90007) for the following tasks.

- ☐ Verify that the installation location meets the site requirements.
- ☐ Unpack the Bravo device. Refer to **Bravo Platform Unpacking Guide** (part number G5409-90003).
CAUTION If installing Risers, ensure that the y-axis and x-axis shipping stops remain installed on the head mount until after you install the Risers to prevent potential equipment damage. When tilting the Bravo Platform backwards to rest on its back plate on the EPE foam, the head mount can slide back rapidly along the y-axis and collide with the back plate.
- ☐ If the 146-mm Risers are included, install the Risers, and then remove the y-axis and x-axis shipping stops.
- ☐ Connect the Bravo Platform power and E-stop pendant.
- ☐ Connect the Ethernet cable and set up the computer.
- ☐ Install the pipette head.
- ☐ Install the Light Curtain and the front and side shields, if applicable.
- ☐ Install the rear shield, if applicable.
- ☐ Install Pump Module 2.0, if applicable. Refer to **Pump Module User Guide** (part number G5406-90001).

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Installation Task #2 Software and Accessory Setup

- ☐ Install VWorks Automation Control software. For instructions, see the release notes.
- ☐ Set the teachpoints for the pipette head and gripper, if applicable. See the **Bravo Automated Liquid Handling Platform User Guide** (part number G5409-90006G).
- ☐ Set up accessories, if applicable. See the **Bravo Automated Liquid Handling Platform User Guide** (part number G5409-90006G).

Service Review

- ☐ Attach available reports/printouts to this documentation.
- ☐ Record the time/date of installation or upgrade completion in the customer's records/logbook.
- ☐ Complete the Service Engineer Comments section below if there are additional comments.
- ☐ Review the installation/upgrade with the customer.
- ☐ Explain Agilent warranty for instruments.
- ☐ Explain how to use manuals, guides, and online help.
- ☐ Explain how to get self-help, FAQs from the web.
- ☐ Explain how to log an instrument service call, support services available.
- ☐ Advise customer of additional instrument training options.
- ☐ If the Instrument firmware was updated, record the details of the change in the Service Engineer's Comments box below or if necessary, in the customer's IQ records.

Service Engineer Comments (optional)

If there are any specific points you wish to note as part of performing the installation or other items of interest for the customer, please write in this box.

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Other Important Customer Web Links

- ☐ For additional information about Agilent automation products, please visit our web site at <http://www.agilent.com/en-us/products/automation-solutions>
- ☐ Need to get information on your product?
 - VWorks Knowledge Base - <http://www.agilent.com/chem/askb>
 - Agilent Bravo product page - <http://www.agilent.com/en-us/products/automation-solutions/automated-liquid-handling/bravo-automated-liquid-handling-platform>
 - Agilent Library - <http://www.agilent.com/en-us/library/literature>
- ☐ Need to know more?
Customer Education – <http://www.chem.agilent.com/en-US/Training-Events/Pages/default.aspx>
- ☐ Need technical support, FAQs? – <http://www.chem.agilent.com/en-US/Technical-Support/Pages/default.aspx>
- ☐ Need Support Services? - www.agilent.com/crosslab

Service Completion

Service request number _____ Date service completed _____

Agilent signature _____ Customer signature _____

Number of pages in this document _____

Document part number: G5523-90003