

# Agilent Vaya Raman (G6915A)

## 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.

### Introduction

#### Customer Responsibilities

Ensure that your site meets the following 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 site as well as laboratory gases, plumbing and extraction.
- The power requirements related to the product (e.g. number and location of electrical outlets).
- The required operating supplies necessary for the product and installation.
- 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.
- Please consult the Special Requirements section for other product-specific information.
- For more details, please consult the product-specific Site Preparation Guide.
- Vaya uses a Wi-Fi or Ethernet connection to sync data and methods to your local network. Please inform your IT department about configuration requirements prior to the installation of your system. Refer to the Special Requirements section in this document.

## Customer Information

- 1 If you have questions or problems in providing anything described as a Customer Responsibility, please contact your local Agilent or partner support service organization for assistance before the scheduled installation. In addition, Agilent and/or its partners reserve the right to reschedule the installation dependent upon the readiness of your site.
- 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 extra training, compliance services and consultation for user-specific applications may also be provided at the time of installation. Please discuss with your Agilent Sales representative before the installation is scheduled.
- 4 If repair is required during the warranty period, the main repair option for your Vaya Raman system is by utilising the Return to Agilent program. Please consult your local Agilent representative for more information.

## Important Customer Web Links

- Videos about specific preparation requirements for your instrument can be found by searching the *Agilent YouTube* channel at <https://www.youtube.com/user/agilent>
- To access *Agilent University*, visit <http://www.agilent.com/crosslab/university/> to learn about training options, which include online, classroom and onsite delivery. A training specialist can work directly with you to help determine your best options.
- A useful *Agilent Resource Center* web page is available, which includes short videos on maintenance, quick lists of consumables for new instruments, and other valuable information. Check out the Resource Page here: <https://www.agilent.com/en-us/agilentresources>
- Need technical support, FAQs, supplies? – visit our *Support Home page* at <http://www.agilent.com/search/support>
- Get answers. Share insights. Build connections:  
Join the *Agilent Community* at <https://community.agilent.com/welcome>

## Site Preparation

### Dimensions and Weight

Identify the laboratory bench space before your instrument arrives based on the following table.

#### Special notes

- 1 The weight and the dimensions of the system allow it to be placed on almost any desk or laboratory bench. Agilent recommends storage using the supplied carry case so remember to provide enough space for the case when the instrument is in use or being stored.
- 2 Ensure that the workbench is free from vibration. Any equipment generating vibration during operation must be placed on the floor rather than alongside the Vaya on the workbench.
- 3 Vaya is a handheld portable spectrometer so is susceptible to damage by dropping. Both a hand strap and shoulder strap are supplied to mitigate the risk of dropping.

#### Dimensions and Handling Weights (without packaging)

Instrument Description	Weight		Height		Length		Width	
	Kg	lbs	cm	in	cm	in	cm	in
G6915A Vaya Raman	1.86	4.1	6.0	2.4	25.7	10.1	12.7	5.0
G6915- (045-039) 1-Bay Charger	0.51	1.1	5.6	2.2	17.7	7.0	9.2	3.6
G6915-68001 Vaya Carry Case	7.50	16.5	21.1	8.3	55.5	21.9	42.8	16.9

### Environmental Conditions

Operating your instrument within the recommended temperature ranges ensures 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 location's ambient temperature conditions must be stable for optimum performance.
- 3 It is not recommended to use the Vaya Raman in areas of strong natural sunlight.
- 4 Vaya Raman is IP54 rated and resistant to common laboratory chemicals but any spills must be cleaned up immediately.
- 5 The Vaya Raman can be stored at altitudes up to 4,600 m (15,000 ft.) and operated at altitudes up to 3,000 m (9,800 ft.).

## Operating Conditions

Instrument Description	Operating Temperature Range °C (F)	Operating Humidity Range %
G6915A Vaya Raman	5 to 35 (41 to 95)	Up to 95%, non-condensing

## Power Consumption

### Special notes

- 1 The Vaya Raman is a battery-powered handheld portable system and is supplied with a combined battery charger / calibrator with dedicated power supply unit.
- 2 Always operate your instrument from a power outlet which has a ground connection. Make certain that power outlets are earth-grounded at the grounding pin.
- 3 Good electrical grounding is essential to avoid potentially serious shock hazards and for the instrument to perform within its specifications.
- 4 All power supplies for the Vaya Raman must be single-phase, AC voltage, three-wire system (active, neutral, earth) with ground connection provided and should be terminated at an appropriate power outlet receptacle that is within reach of the power cord.
- 5 The use of extension cords or outlet adaptors is not recommended.
- 6 The Vaya Raman is supplied with a power cord and three-pin plug assembly that is designed for your region and is compatible with common standards applicable in the local area.
- 7 Do not position the equipment so that it is difficult to operate the disconnecting device.
- 8 Power cords are provided based on the user's country requirements. Only the supplied power cord is to be used with this equipment. The installation of electrical power supplies must comply with the rules and/or regulations imposed by local authorities responsible for the supply of electrical energy to the workplace.
- 9 If necessary, replace the power cord only with a cord equivalent to the one specified.

### Electrical supply requirements

Instrument Description	Line Voltage and Frequency V, Hz	Maximum Power Consumption W
G6915-67025 Charger: 1-Bay Calibrator	100 to 240 VAC 50 to 60Hz	60

## Power cables for battery charger

Part Number	Description
8120-0674	Power cord - Thailand and Philippines
8120-1369	Power Cord, Australia/NZ, C13, 10 amp
8120-1378	Cable Assembly-Power Cord 18AWG 2.3m-LG (US/Canada)
8120-2104	Cable-Assembly-Power cord 250VAC 10A 3-C (Switzerland)
8120-3997	Power Cord, DK/Greenland, C13, 10 amp
8120-4211	Power Cord, India/S Africa, C13, 10 amp
8120-5182	Power Cord, Israel, C13, 10 amp
8120-6869	Power Cord, Argentina, C13 250V 10A RA/3
8120-6978	Power Cord, Chile/Italy, C13, 10 amp
8120-8705	Power Cord, GB/HK/SG/MY, C13, 10 amp
8121-0723	Cable-Assembly Power-Cord 3-Conductor 25 (China)
8121-1226	Power Cord, Europe + S Korea C13, 10A, 250V
8121-1635	Power cord – Taiwan/Japan
8121-1809	Power Cord, Brazil, C13, 250V Max

## Required Operating Supplies by Customer for Installation

## Special notes

- 1 Download the Essential Chromatography and Spectroscopy Supplies Catalogs for a complete overview about available supplies for your new and existing Agilent Instruments. <https://www.agilent.com/en-us/products/lab-supplies>
- 2 A vial holder and 5 sample vials are provided with your Vaya Raman system. Please ensure these are available at the time of installation and familiarization activities.
- 3 To enhance method-building productivity, the following accessories are recommended.

Item Description (including Dimensions etc.)	Vendor's Part Number (if applicable)	Recommended Quantity
Storage Vial Kit, 4mL, 15x45 Clear, 13-425 Cap 100/pk	5183-4311	1

## Special Requirements

Vaya Raman is a Class 3B laser system; this must be considered in line with your local laser safety procedures.

Vaya Raman uses an 830 nm **invisible** laser. Agilent recommends the use of the included laser safety goggles by the operator and any personnel within 1.5 metres of the instrument aperture during measurement; the nominal optical hazard distance (NOHD) is a maximum of 1.5 m.

The face of the instrument displays the appropriate Laser warning stickers and status LED (red) to indicate when the Laser is on. At any time during a measurement, the laser can be switched off by pressing the cancel button on the keypad.

Vaya Raman requires the provision of a secure network folder with appropriate access rights to allow syncing of the instrument for data storage and method management.

Access may be by Wi-Fi or Ethernet connection and the folder would typically be named "Vaya\sync".