

## Agilent CrossLab Start Up Services

# Agilent Seahorse HS Mini Site Preparation Checklist

Thank you for purchasing an instrument from **Agilent Technologies**. CrossLab Start Up is focused on helping customers shorten the time it takes to start realizing the full value of their instrument investment.

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, space, and utility requirements for the system set up in your lab.

# Introduction

## Customer Information

- If you have questions or problems in providing anything described as part of *Customer Responsibilities* below, 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.
- Should your site not be ready for whatever reasons, please contact Agilent as soon as possible to reschedule any services that have been purchased.

## 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 required **environmental conditions for the lab**.
- 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.
- While Agilent is delivering **Installation and Introduction** 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 and Other Considerations** section below for other product-specific information.

## Important Customer Web Links

- To access Agilent training and education, visit <http://www.agilent.com/chem/training> 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.
- To access the **Agilent Resource Center** web page, visit <https://www.agilent.com/en-us/agilentresources>. The following information topics are available:
  - Sample Prep and Containment
  - Chemical Standards
  - Analysis
  - Service and Support
  - Application Workflows
- The **Agilent Community** is an excellent place to get answers, collaborate with others about applications and Agilent products, and find in-depth documents and videos relevant to Agilent technologies. Visit <https://community.agilent.com/welcome>
- Videos about specific preparation requirements for your instrument can be found by searching the **Agilent YouTube** channel at <https://www.youtube.com/user/agilent>
- **Need to place a service call?** [Flexible Repair Options | Agilent](#)
- Technical Support email for XF instruments is [cellanalysis.support@agilent.com](mailto:cellanalysis.support@agilent.com)

# Site Preparation

## 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.

Instrument Description	Weight		Height		Depth		Width	
	Kg	lbs	cm	in	cm	in	cm	in
Seahorse HS Mini Analyzer	15	33	43	17	58	23	30	12

## Equipment Positioning on the Bench

- The touchscreen and loading tray are accessed at the front of the instrument. Having the touchscreen face the user is a best practice.

## Environmental Conditions

- Performance can be affected by sources of heat and cold, e.g., direct sunlight, heating/cooling from air conditioning outlets, drafts and/or vibrations.
- The ambient temperature conditions of the site must be stable for optimum performance.

Instrument Description	Operating Temperature Range °C (F)	Operating Humidity Range %
Seahorse HS Mini	+4 °C (39 °F) to +30 °C (86 °F)	20% to 70% RH, non-condensing

## Exhaust Venting Requirements

- The rear of the instrument should be 6 inches away from a wall to consistently receive fresh cooling air.

## Power Consumption

Instrument Description	Line Voltage and Frequency V, Hz	Maximum Power Consumption VA	Maximum Power Consumption W
Seahorse HS Mini	50 to 60 Hz	164	164

- One power outlet is needed for power cord connection.
- Use the correct power cord (supplied with instrument shipment).

## Required Operating Supplies by Customer for Installation

### Special notes:

The customer site will have rules on PPE requirements. Please communicate these rules to the visiting Agilent representative before the day of the visit.

Item Description (including dimensions, etc.)	Vendor Part Number (if applicable)	Recommended Quantity
Non-CO <sub>2</sub> incubator set to 37 °C		1
Inverted phase microscope		1
20 - 200 µL multichannel pipette, within calibration date		1
200 µL pipette tips		1 box
Water bath set to 37 °C		1
Bottle mixer (Vortex Genie or equivalent)		1
Biosafety cabinet		1
Distilled water		<200mL
70% ETOH		<200mL
Biohazard container for liquid waste		1
Trash barrel for non-hazardous waste		1

## Special Requirements and Other Considerations

### Tools

- Your Agilent instrument does not come with any hand tools for installation and introduction.

## Review (Optional)

### Comments

If the Agilent representative completed a review of the Site Preparation requirements with the customer, the Agilent representative should complete the following Comments section.

If there are any specific points that should be noted as part of performing the service review or other items of interest for the customer, please write in this box.

## Site Preparation Verification

Service Request Number:

Date of Review:

Agilent Rep Name:

Customer Name:

Agilent Rep Signature:

Total number of pages in this document: